Edition: 201705

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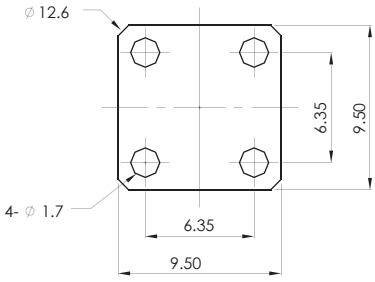
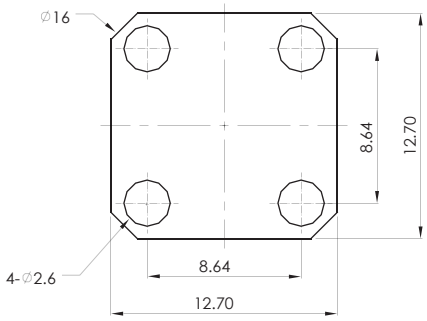
Connector Mounting Hole Chart for Flange Mount Connectors



F01



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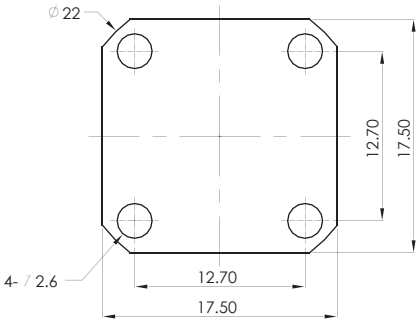

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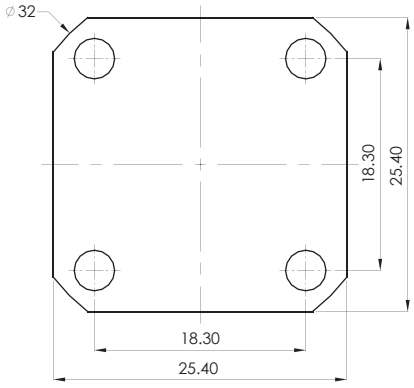

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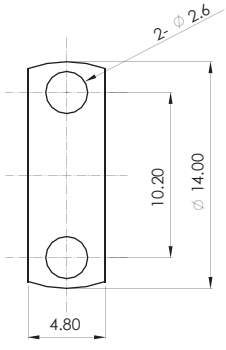

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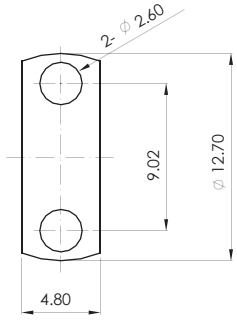

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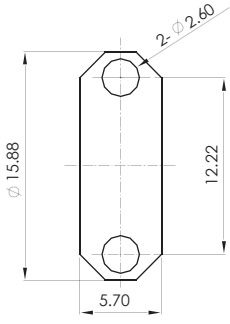

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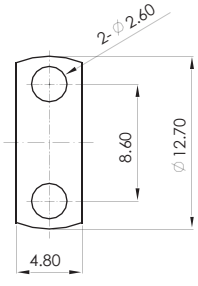

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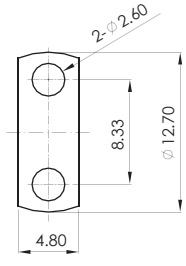


F09

SMA Design Features

Excellent performance to 27GHz

Low VSWR and insertion loss

Rugged construction for reliability Mechanically compatible with 2.92mm and 3.5mm connector series

Main Specifications

Impedance：50Ω

Frequency range：DC~27GHz

VSWR：≤1.10 @ DC~18GHz

≤1.15 @ 18~27GHz

Dielectric withstanding voltage(V.R.M.S.)：1000V

Durability：≥500

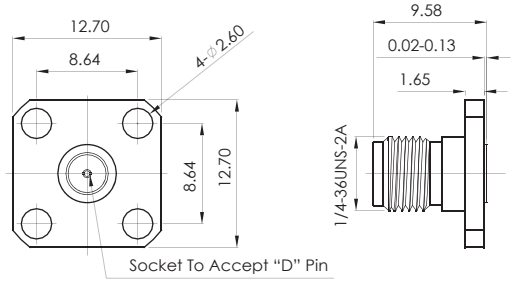
Material/Plating

Body：Stainless steel Passivated

Center Conductor：Beryllium copper Gold

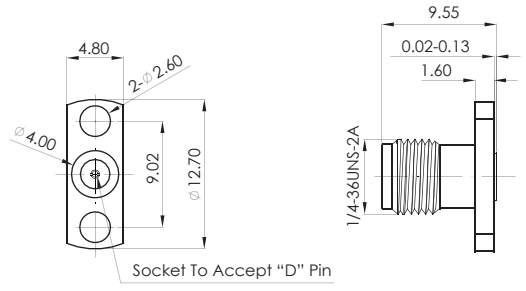
Insulators：PTFE & PEI

SMA Jack (Female)



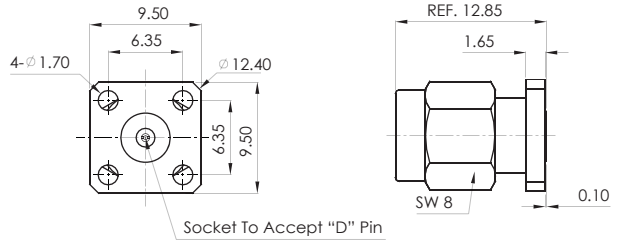
Connector No.	D	MAX. Pin Depth
ANO2112-3307-1	0.23	1.65
ANO2112-3307-2	0.30	1.91
ANO2112-3307-3	0.38	2.54
ANO2112-3307-4	0.46	2.54
ANO2112-3307-5	0.51	2.54
ANO2112-3307-6	0.91	2.54

SMA Jack (Female)



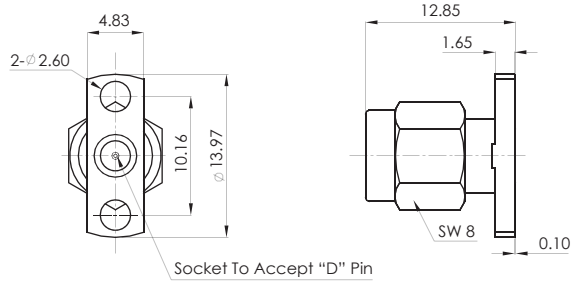
Connector No.	D	MAX. Pin Depth
ANO2112-3311-1	0.23	1.65
ANO2112-3311-2	0.30	1.91
ANO2112-3311-3	0.38	2.54
ANO2112-3311-4	0.46	2.54
ANO2112-3311-5	0.51	2.54

SMA Plug (Male)



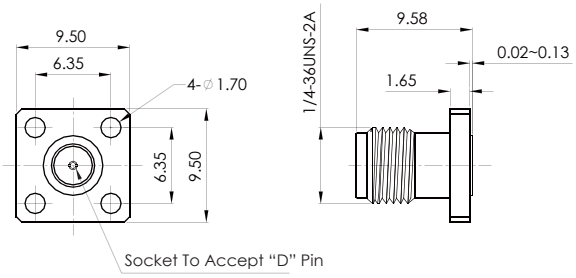
Connector No.	D	MAX. Pin Depth
ANO2111-3333-1	0.23	1.65
ANO2111-3333-2	0.30	1.91
ANO2111-3333-3	0.38	2.54
ANO2111-3333-4	0.46	2.54
ANO2111-3333-5	0.51	2.54
ANO2111-3333-6	0.91	2.54

SMA Plug (Male)



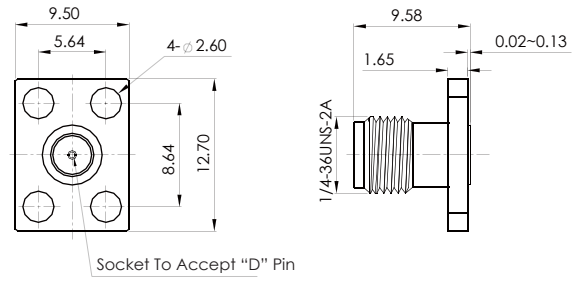
Connector No.	D	MAX. Pin Depth
ANO2111-3344-1	0.23	1.65
ANO2111-3344-2	0.30	1.91
ANO2111-3344-3	0.38	2.54
ANO2111-3344-4	0.46	2.54
ANO2111-3344-5	0.51	2.54

SMA Jack (Female)



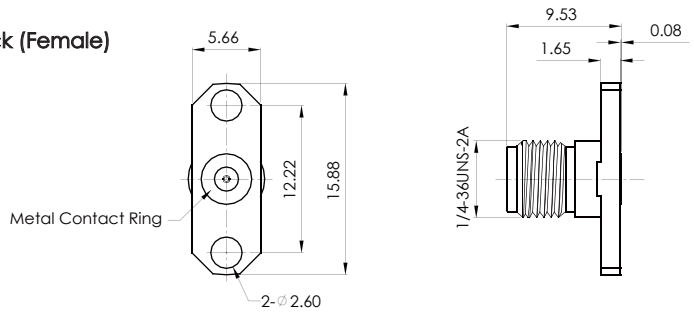
Connector No.	D	MAX. Pin Depth
ANO2112-3213-1	0.23	1.65
ANO2112-3213-2	0.30	1.91
ANO2112-3213-3	0.38	2.54
ANO2112-3213-4	0.46	2.54
ANO2112-3213-5	0.51	2.54
ANO2112-3213-6	0.91	2.54

SMA Jack (Female)



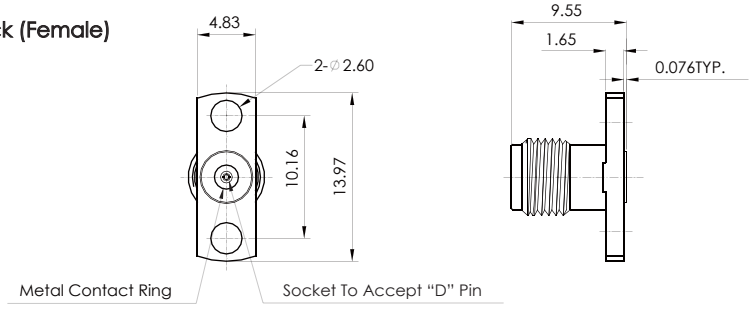
Connector No.	D	MAX. Pin Depth
ANO2112-3308-1	0.23	1.65
ANO2112-3308-2	0.30	1.91
ANO2112-3308-3	0.38	2.54
ANO2112-3308-4	0.46	2.54
ANO2112-3308-5	0.51	2.54
ANO2112-3308-6	0.91	2.54

SMA Jack (Female)



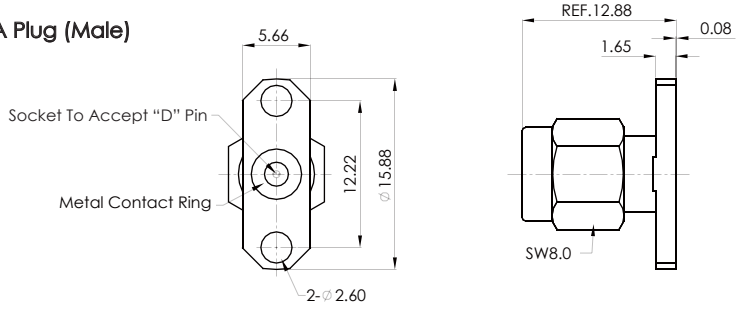
Connector No.	D	MAX. Pin Depth
ANO2112-3325-1	0.23	1.65
ANO2112-3325-2	0.30	1.91
ANO2112-3325-3	0.38	2.54
ANO2112-3325-4	0.46	2.54
ANO2112-3325-5	0.51	2.54
ANO2112-3325-6	0.91	2.54

SMA Jack (Female)



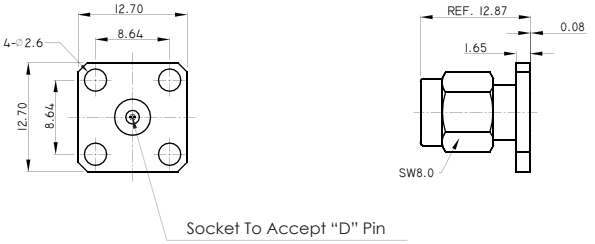
Connector No.	D	MAX. Pin Depth
ANO2112-3337-1	0.23	1.65
ANO2112-3337-2	0.30	1.91
ANO2112-3337-3	0.38	2.54
ANO2112-3337-4	0.46	2.54
ANO2112-3337-5	0.51	2.54
ANO2112-3337-6	0.91	2.54

SMA Plug (Male)



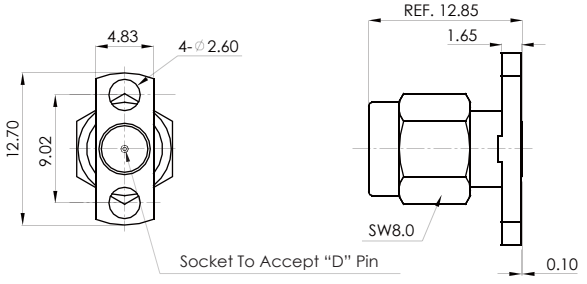
Connector No.	D	MAX. Pin Depth
ANO2111-3292-1	0.23	1.65
ANO2111-3292-2	0.30	1.91
ANO2111-3292-3	0.38	2.54
ANO2111-3292-4	0.46	2.54
ANO2111-3292-5	0.51	2.54
ANO2111-3292-6	0.91	2.54

SMA Plug (Male)



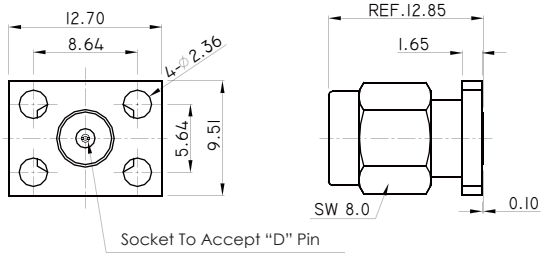
Connector No.	D	MAX. Pin Depth
ANO2111-3338-1	0.23	1.65
ANO2111-3338-2	0.30	1.91
ANO2111-3338-3	0.38	2.54
ANO2111-3338-4	0.46	2.54
ANO2111-3338-5	0.51	2.54
ANO2111-3338-6	0.91	2.54

SMA Plug (Male)



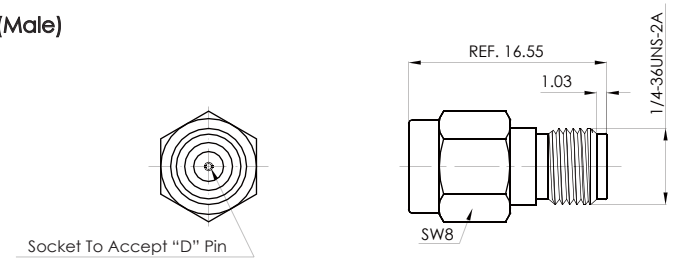
Connector No.	D	MAX. Pin Depth
ANO2111-3345-1	0.23	1.65
ANO2111-3345-2	0.30	1.91
ANO2111-3345-3	0.38	2.54
ANO2111-3345-4	0.46	2.54
ANO2111-3345-5	0.51	2.54
ANO2111-3345-6	0.91	2.54

SMA Plug (Male)



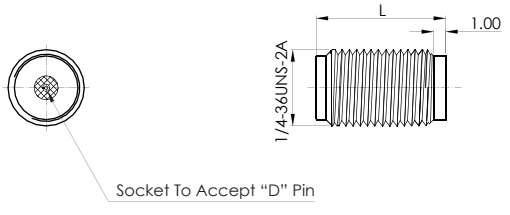
Connector No.	D	MAX. Pin Depth
ANO2111-3343-1	0.23	1.65
ANO2111-3343-2	0.30	1.91
ANO2111-3343-3	0.38	2.54
ANO2111-3343-4	0.46	2.54
ANO2111-3343-5	0.51	2.54
ANO2111-3343-6	0.91	2.54

SMA Plug (Male)



Connector No.	D	MAX. Pin Depth
ANO2111-5347-1	0.23	1.65
ANO2111-5347-2	0.30	1.91
ANO2111-5347-3	0.38	2.54
ANO2111-5347-4	0.46	2.54
ANO2111-5347-5	0.51	2.54
ANO2111-5347-6	0.91	2.54

SMA Jack (Female)



Connector No.	D	MAX. Pin Depth	L
ANO2112-5332-1	0.23	1.65	10.8
ANO2112-5332-2	0.30	1.91	
ANO2112-5332-3	0.38	2.54	
ANO2112-5332-4	0.46	2.54	
ANO2112-5332-5	0.51	2.54	
ANO2112-5332-6	0.91	2.54	
ANO2112-5346-1	0.30	1.91	9.91
ANO2112-5346-2	0.38	2.54	
ANO2112-5346-3	0.46	2.54	
ANO2112-5346-4	0.51	2.54	
ANO2112-5346-5	0.23	1.65	
ANO2112-5346-6	0.91	2.54	

2.92mm Design Features

Excellent performance up to 40GHz

Low VSWR and insertion loss

Rugged construction for reliability Mechanically compatible with 3.5mm connector series

Main Specifications

Impedance：50Ω

Frequency range：DC~40GHz

VSWR：≤1.15

Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

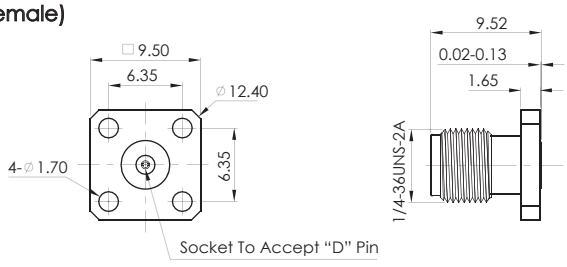
Material/Plating

Body：Stainless steel　　Passivated

Center Conductor：Beryllium copper　　Gold

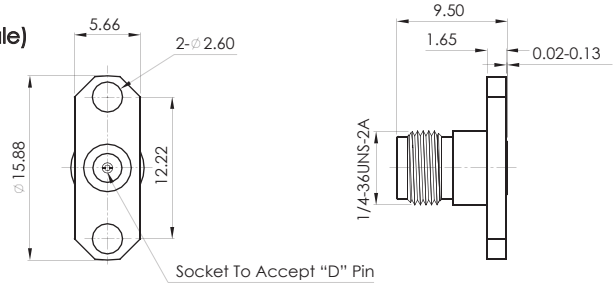
Insulators：PEI

2.92mm Jack (Female)



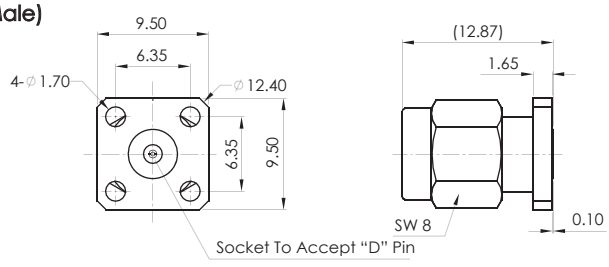
Connector No.	D	MAX. Pin Depth
ANO2912-3050-1	0.23	1.65
ANO2912-3050-2	0.30	1.65
ANO2912-3050-3	0.38	1.65
ANO2912-3050-4	0.51	1.65

2.92mm Jack (Female)



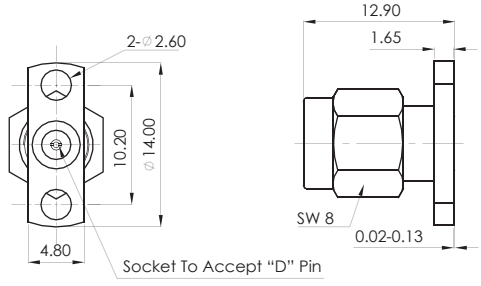
Connector No.	D	MAX. Pin Depth
ANO2912-3057-1	0.23	1.65
ANO2912-3057-2	0.30	1.65
ANO2912-3057-3	0.51	1.65
ANO2912-3057-4	0.38	1.65

2.92mm Plug (Male)



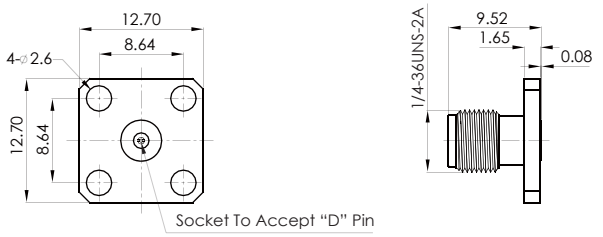
Connector No.	D	MAX. Pin Depth
ANO2911-3013-1	0.23	1.65
ANO2911-3013-2	0.30	1.52
ANO2911-3013-3	0.51	1.65

2.92mm Plug (Male)



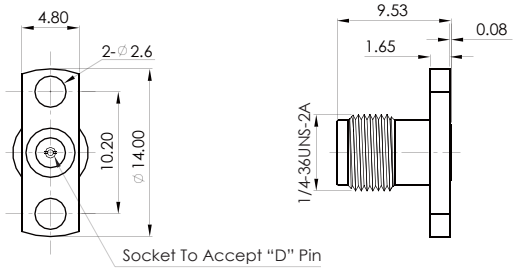
Connector No.	D	MAX. Pin Depth
ANO2911-3053-1	0.23	1.65
ANO2911-3053-2	0.30	1.52
ANO2911-3053-3	0.51	1.65

2.92mm Jack (Female)



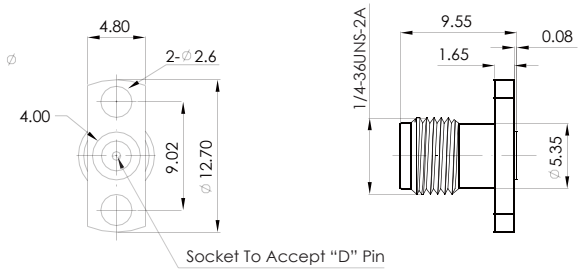
Connector No.	D	MAX. Pin Depth
ANO2912-3019-1	0.23	1.65
ANO2912-3019-2	0.30	1.52
ANO2912-3019-3	0.38	1.65

2.92mm Jack (Female)



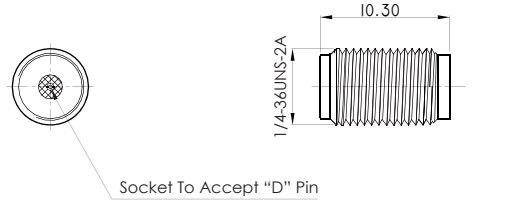
Connector No.	D	MAX. Pin Depth
ANO2912-3052-1	0.23	1.65
ANO2912-3052-2	0.30	1.52
ANO2912-3052-3	0.38	1.65

2.92mm Jack (Female)



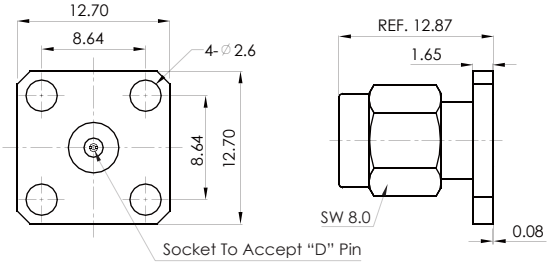
Connector No.	D	MAX. Pin Depth
ANO2912-3062-1	0.23	1.65
ANO2912-3062-2	0.30	1.52
ANO2912-3062-3	0.38	1.65
ANO2912-3062-4	0.51	1.65

2.92mm Jack (Female)



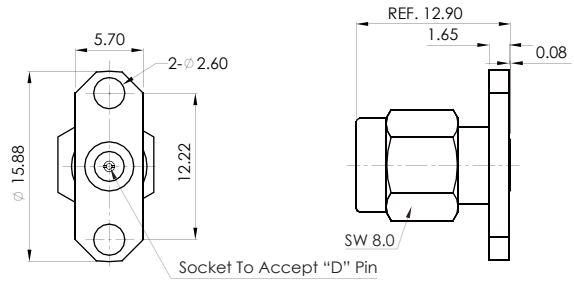
Connector No.	D	MAX. Pin Depth
ANO2912-5036-1	0.23	1.65
ANO2912-5036-2	0.30	1.52
ANO2912-5036-3	0.38	1.65

2.92mm Plug (Male)



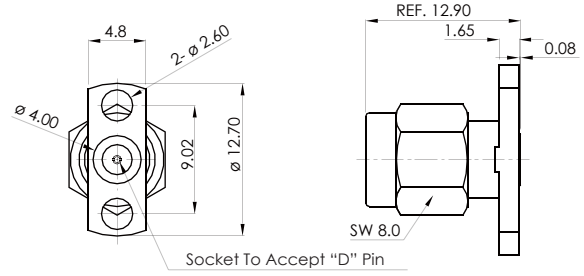
Connector No.	D	MAX. Pin Depth
ANO2911-3026-1	0.23	1.65
ANO2911-3026-2	0.30	1.52
ANO2911-3026-3	0.38	1.65
ANO2911-3026-4	0.46	1.65
ANO2911-3026-5	0.51	1.65

2.92mm Plug (Male)



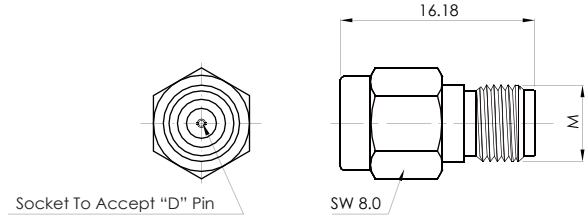
Connector No.	D	MAX. Pin Depth
ANO2911-3054-1	0.23	1.65
ANO2911-3054-2	0.30	1.52
ANO2911-3054-3	0.51	1.65
ANO2911-3054-4	0.38	1.65

2.92mm Plug (Male)



Connector No.	D	MAX. Pin Depth
ANO2911-3055-1	0.23	1.65
ANO2911-3055-2	0.30	1.53
ANO2911-3055-3	0.51	1.65

2.92mm Plug (Male)



Connector No.	D	MAX. Pin Depth	M
ANO2911-5056-1	0.23	1.65	1/4-36UNS-2A
ANO2911-5056-2	0.30	1.65	1/4-36UNS-2A
ANO2911-5056-3	0.51	1.65	1/4-36UNS-2A
ANO2911-5064	0.51	1.65	M6x0.75-6g

2.4mm Design Features

Excellent performance up to 50GHz

Low VSWR and insertion loss

Rugged construction for reliability

Mechanically compatible with 1.85mm connector series

Main Specifications

Impedance：50Ω

Frequency range：DC~50GHz

VSWR：≤1.15

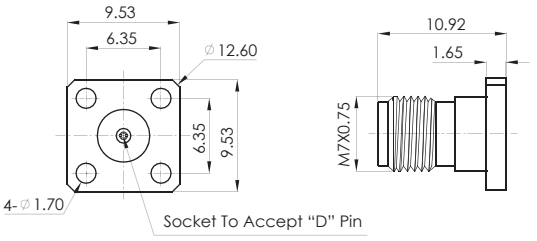
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

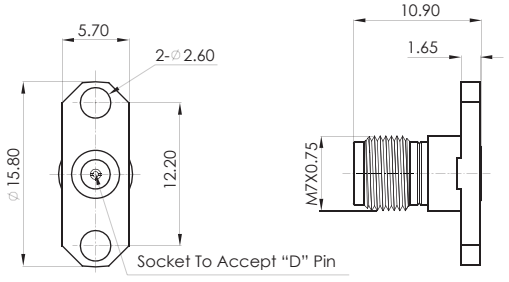
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

2.4mm Jack (Female)



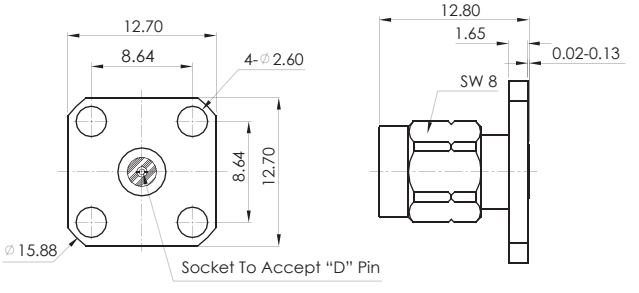
Connector No.	D	MAX. Pin Depth
ANO2212-3012-1	0.23	1.65
ANO2212-3012-2	0.30	1.65
ANO2212-3012-3	0.38	1.65
ANO2212-3012-4	0.51	1.65

2.4mm Jack (Female)



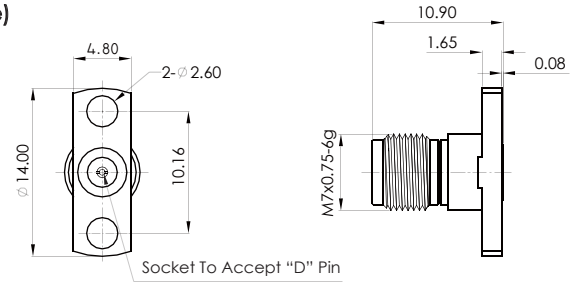
Connector No.	D	MAX. Pin Depth
ANO2212-3005-1	0.23	1.65
ANO2212-3005-2	0.30	2.16
ANO2212-3005-3	0.51	1.65
ANO2212-3005-4	0.38	2.0
ANO2212-3005-5	0.46	2.0

2.4mm Plug (Male)



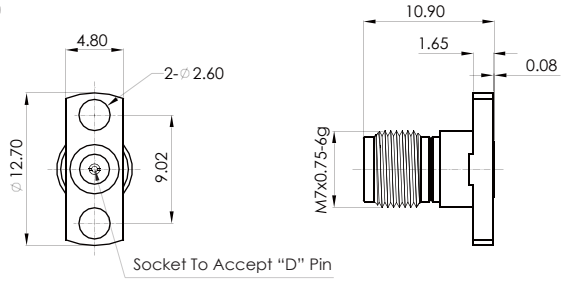
Connector No.	D	MAX. Pin Depth
ANO2211-3011-1	0.23	1.65
ANO2211-3011-2	0.30	2.16
ANO2211-3011-3	0.51	1.65

2.4mm Jack (Female)



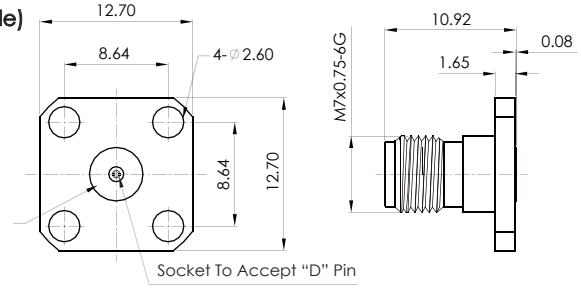
Connector No.	D	MAX. Pin Depth
ANO2212-3006-1	0.23	1.65
ANO2212-3006-2	0.30	2.16
ANO2212-3006-3	0.51	1.65
ANO2212-3006-4	0.38	2.00
ANO2212-3006-5	0.46	2.00

2.4mm Jack (Female)



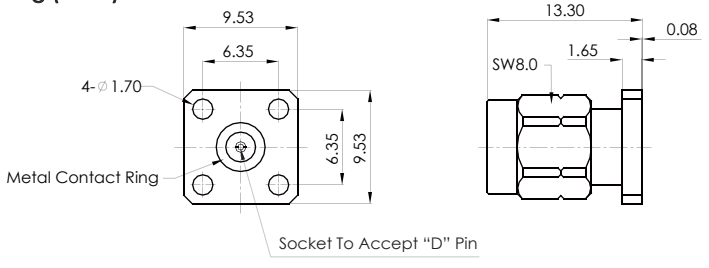
Connector No.	D	MAX. Pin Depth
ANO2212-3009-1	0.23	1.65
ANO2212-3009-2	0.30	2.16
ANO2212-3009-3	0.51	1.65
ANO2212-3009-4	0.38	2.00
ANO2212-3009-5	0.46	2.00

2.4mm Jack (Female)



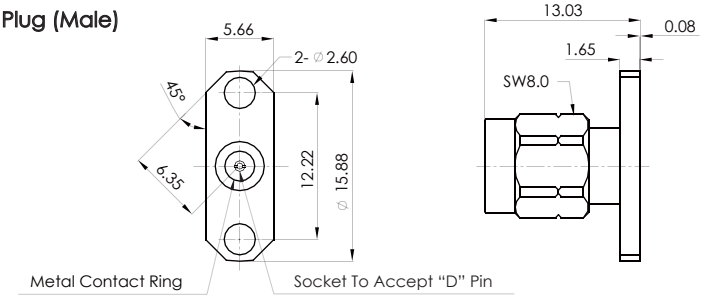
Connector No.	D	MAX. Pin Depth
ANO2212-3017-1	0.23	1.65
ANO2212-3017-2	0.30	2.00
ANO2212-3017-3	0.51	2.00

2.4mm Plug (Male)



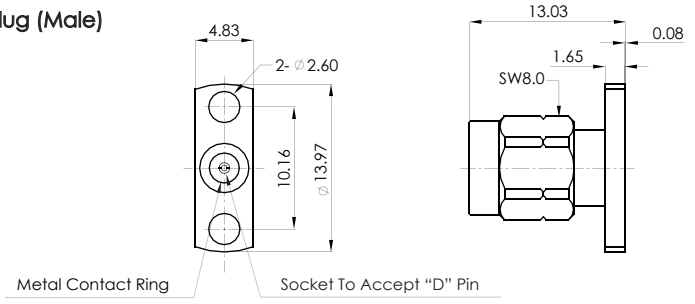
Connector No.	D	MAX. Pin Depth
ANO2211-3018-1	0.23	1.65
ANO2211-3018-2	0.30	2.00
ANO2211-3018-3	0.51	2.00

2.4mm Plug (Male)



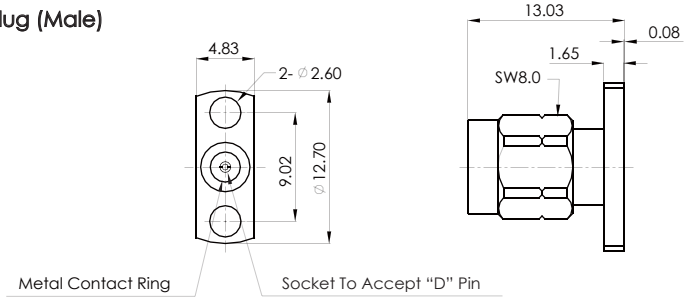
Connector No.	D	MAX. Pin Depth
ANO2211-3019-1	0.23	1.65
ANO2211-3019-2	0.30	2.00
ANO2211-3019-3	0.51	2.00

2.4mm Plug (Male)



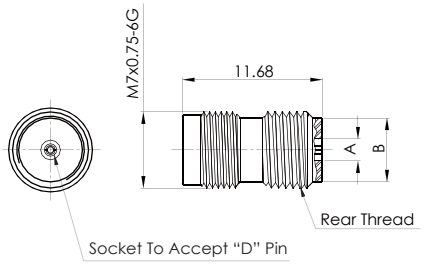
Connector No.	D	MAX. Pin Depth
ANO2211-3020-1	0.23	1.65
ANO2211-3020-2	0.30	2.00
ANO2211-3020-3	0.51	2.00

2.4mm Plug (Male)



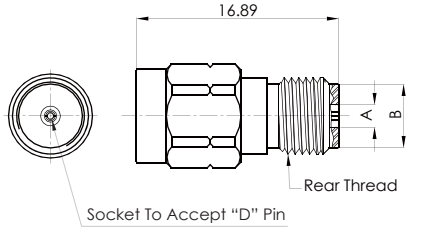
Connector No.	D	MAX. Pin Depth
ANO2211-3021-1	0.23	1.65
ANO2211-3021-2	0.30	2.00
ANO2211-3021-3	0.51	2.00

2.4mm Jack (Female)



Connector No.	D	MAX. Pin Depth	A	B	REAR THREAD
ANO2212-5010-1	0.23	1.65	1.17	5.33	1/4-36UNS-2A
ANO2212-5010-2	0.23	1.65	1.17	5.08	M6x0.75-6g
ANO2212-5010-3	0.30	2.00	1.38	5.33	1/4-36UNS-2A
ANO2212-5010-4	0.38	2.00	1.60	5.33	1/4-36UNS-2A
ANO2212-5010-5	0.46	2.00	1.82	5.33	1/4-36UNS-2A
ANO2212-5010-6	0.51	2.00	1.84	5.33	1/4-36UNS-2A

2.4mm Plug (Male)



Connector No.	D	MAX. Pin Depth	A	B	REAR THREAD
ANO2211-5022-1	0.23	1.65	1.17	5.33	1/4-36UNS-2A
ANO2211-5022-2	0.23	1.65	1.17	5.08	M6x0.75-6g
ANO2211-5022-3	0.30	2.00	1.38	5.33	1/4-36UNS-2A
ANO2211-5022-4	0.38	2.00	1.60	5.33	1/4-36UNS-2A
ANO2211-5022-5	0.46	2.00	1.82	5.33	1/4-36UNS-2A
ANO2211-5022-6	0.51	2.00	1.84	5.33	1/4-36UNS-2A

1.85mm Design Features

Excellent performance up to 65GHz
Low VSWR and insertion loss
Rugged construction for reliability
Mechanically compatible with 2.4mm connector series

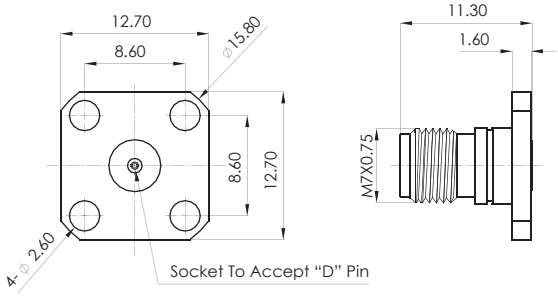
Main Specifications

Impedance：50Ω
Frequency range：DC~65GHz
VSWR：≤1.25
Dielectric withstanding voltage(V.R.M.S.)：750V
Durability：≥500

Material/Plating

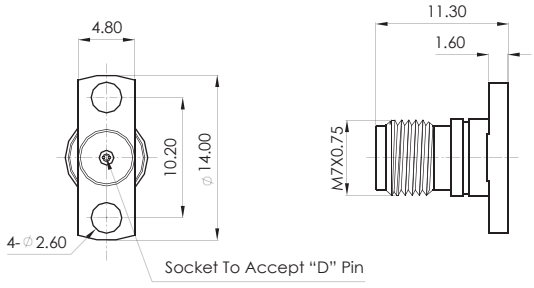
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

1.85mm Jack (Female)



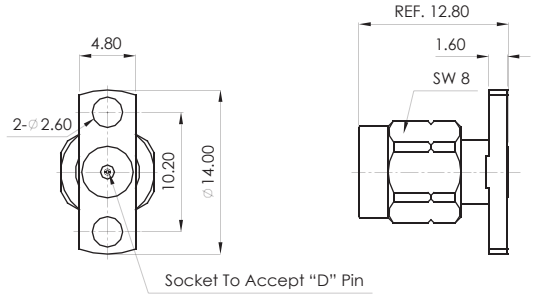
Connector No.	D	MAX. Pin Depth
ANO6212-3013-1	0.23	2.0
ANO6212-3013-2	0.30	2.0

1.85mm Jack (Female)



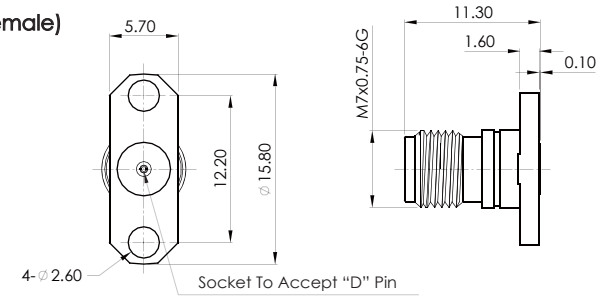
Connector No.	D	MAX. Pin Depth
ANO6212-3015-1	0.23	2.0
ANO6212-3015-2	0.30	2.0

1.85mm Plug (Male)



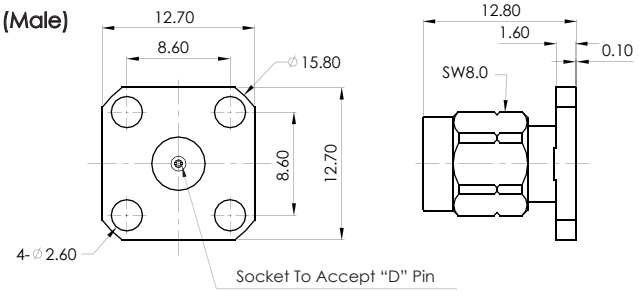
Connector No.	D	MAX. Pin Depth
ANO6211-3010-1	0.23	2.0
ANO6211-3010-2	0.30	2.0

1.85mm Jack (Female)



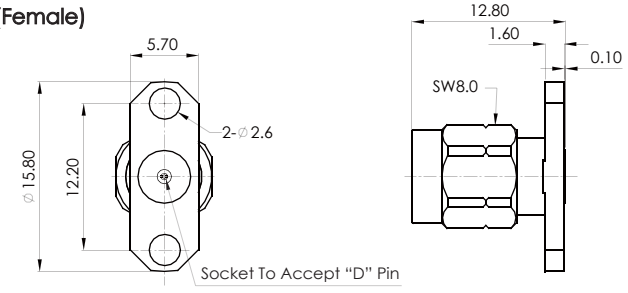
Connector No.	D	MAX. Pin Depth
ANO6212-3014-1	0.23	2.00
ANO6212-3014-2	0.30	2.00

1.85mm Plug (Male)



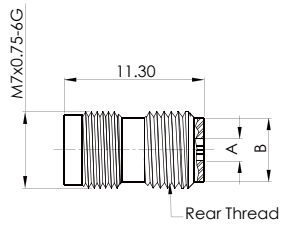
Connector No.	D	MAX. Pin Depth
ANO6211-3012-1	0.23	2.00
ANO6211-3012-2	0.30	2.00

1.85mm Jack (Female)



Connector No.	D	MAX. Pin Depth
ANO6211-3011-1	0.23	2.00
ANO6211-3011-2	0.30	2.00

1.85mm Jack (Female)



Connector No.	D	MAX. Pin Depth	A	B	REAR THREAD
ANO6212-5018-1	0.23	2.00	1.17	5.33	1/4-36UNS-2A
ANO6212-5018-2	0.30	2.00	1.38	5.33	1/4-36UNS-2A
ANO2212-5019-1	0.23	2.00	1.17	5.08	M6x0.75-6g
ANO6212-5019-2	0.30	2.00	1.38	5.08	M6x0.75-6g

The new Anoison SMP BLIND-MATE Connector offer customers a low cost alternative for those applications where the small size of an SMP is desired. They are available in both through hole and surface mount configurations and smooth bore or limited bore interfaces.

Main Specifications

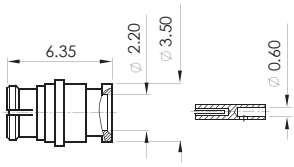
Impedance：50Ω

Frequency range：DC~40GHz

Material/Plating

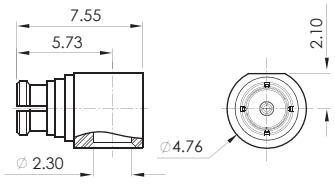
Body：	Beryllium copper & Brass	Gold
	Stainless steel	Passivated
Center Conductor：	Beryllium copper & Brass	Gold
Insulators：	PTFE	

SMP Jack (Female)



ANO9312-2001

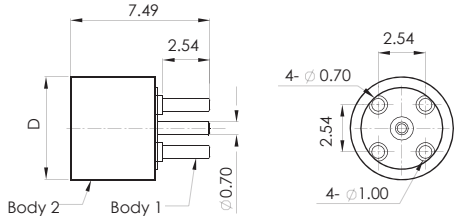
SMP Jack (Female)



ANO9312-2003

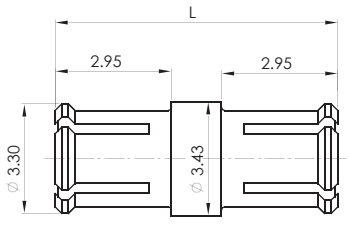
Connector No.	Cable	Finish
ANO9312-2001	.086 SR	Gold
ANO9322-2003	086 SR	Gold

SMP Plug (Male)



Connector No.	Finish		Interface	D
	Body1	Body2		
ANO9311-4005-1	Gold	Passivated	Full Detent	5.54
ANO9311-4005-2			Limited Detent	5.54
ANO9311-4005-3			Smooth Bore	5.54

SMP Jack (Female)



Connector No.	Finish	L
ANO932-932-1264	Gold	5.69
ANO932-932-1082	Gold	6.45
ANO932-932-1294	Gold	9.5

Anoison recognized the need for a connector line that addresses the increasing demands for higher package density, high-speed signal transmission and frequency performance up to 65GHz. As a result, Anoison developed a line of small connectors similar to, but about 70% the size of, SMP connectors. These meet the standards of the SMPM connectors as defined in MIL-STD-348A. The Anoison SMPM connectors can mate with similar designs from other manufacturers who refer to them as mini-SMP, GPPO or SSMP. The SMPM connectors provide an interconnect system (often called a "bullet") allowing board-to-board snap-in connectivity, either stacked or backplane applications. Anoison offers the SMPM connectors as board mount, "bullets" and cable connector options.

Main Specifications

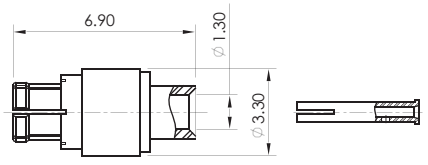
Impedance：50Ω

Frequency range：DC~65GHz

Material/Plating

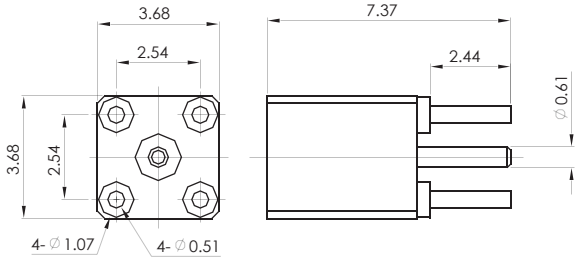
Body：	Beryllium copper & Brass	Gold
	Stainless steel	Passivated
Center Conductor：	Beryllium copper & Brass	Gold
Insulators：	PTFE	

SMPM Jack (Female)



Connector No.	Cable	Finish
ANO9412-2004	047 SR	Gold

SMPM Plug (Male)



Connector No.	Finish	Interface
ANO9411-4003-1	Gold	Full Detent
ANO9411-4003-2	Gold	Smooth Bore

QMA Design Features

Faster mating and de-mating (10X that of the threaded SMA connectors)

Eliminates the need for a torque wrench

Improves density by decreasing the overall size of the connector while still matching the electronic performance and reliability of their extremely popular predecessors

Allows for 360° cable rotation after installation in order to make cable routing easier

Main Specifications

Impedance：50Ω

Frequency range：DC~18GHz

Dielectric withstanding voltage(V.R.M.S.)：1000V

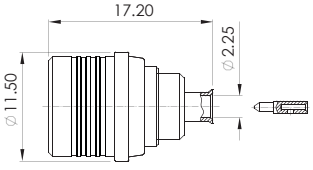
Durability：≥500

Material/Plating

Body：Brass		Albaloy
Center Conductor：Beryllium copper & Brass		Gold
Insulators：PTFE		

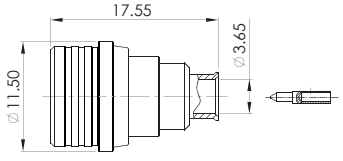
Connector No.	Cable	Finish
ANO2611-2101	.086 SR	Albaloy
ANO2611-2102	.141 SR	Albaloy

QMA Plug (Male)



ANO2611-2101

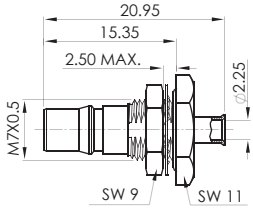
QMA Plug (Male)



ANO2611-2102

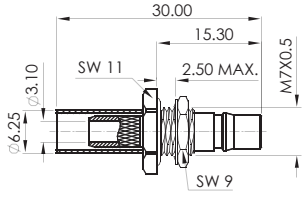
Connector No.	Cable	Finish
ANO2612-1030	.086 SR	Albaloy
ANO2612-1008	LMR200	Albaloy

QMA Jack(Female)



ANO2612-1030

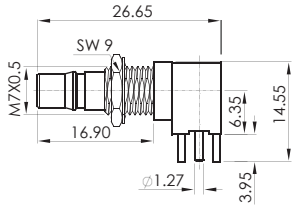
QMA Jack(Female)



ANO2612-1008

Connector No.	Finish
ANO2622-4035	Albaloy

QMA Jack(Female)



ANO2622-4035

Design Features

Excellent performance up to 35GHz

Low VSWR and insertion loss

Rugged construction for reliability

Reduced size for high density packaging

Main Specifications

Impedance：50Ω

Frequency range：DC~40GHz

Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

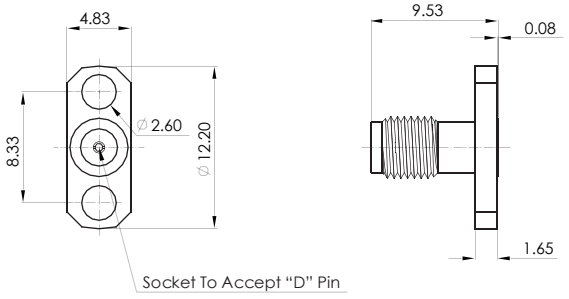
Material/Plating

Body：Stainless steel Passivated

Center Conductor：Beryllium copper Gold

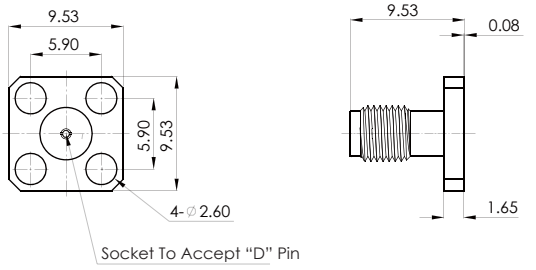
Insulators：PTFE & PEI

SSMA Jack (Female)



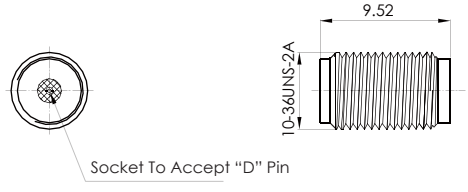
Connector No.	D	MAX. Pin Depth
ANO9112-3033-1	0.23	1.65
ANO9112-3033-2	0.30	1.19
ANO9112-3033-3	0.38	2.54
ANO9112-3033-4	0.46	2.54
ANO9112-3033-5	0.51	2.54

SSMA Jack (Female)



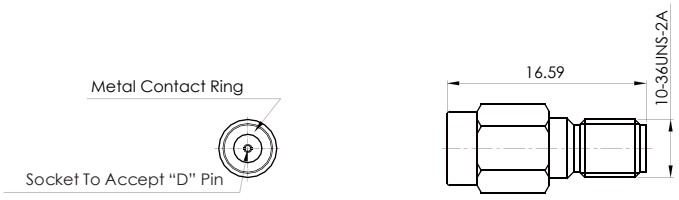
Connector No.	D	MAX. Pin Depth
ANO9112-3035-1	0.23	1.65
ANO9112-3035-2	0.30	1.91
ANO9112-3035-3	0.38	2.54
ANO9112-3035-4	0.46	2.54
ANO9112-3035-5	0.51	2.54

SSMA Jack (Female)



Connector No.	D	MAX. Pin Depth
ANO9112-3032-1	0.23	1.65
ANO9112-3032-2	0.30	1.91
ANO9112-3032-3	0.38	2.54
ANO9112-3032-4	0.46	2.54
ANO9112-3032-5	0.51	2.54

SSMA Plug (Male)



Connector No.	D	MAX. Pin Depth
ANO9111-3036-1	0.23	1.65
ANO9111-3036-2	0.30	1.91
ANO9111-3036-3	0.38	2.54
ANO9111-3036-4	0.46	2.54
ANO9111-3036-5	0.51	2.54

N Design Features

Excellent performance to 18GHz

Low VSWR and insertion loss

High Power capability

Main Specifications

Impedance: 50Ω

Frequency range: DC-18GHz

VSWR: ⩽1.15

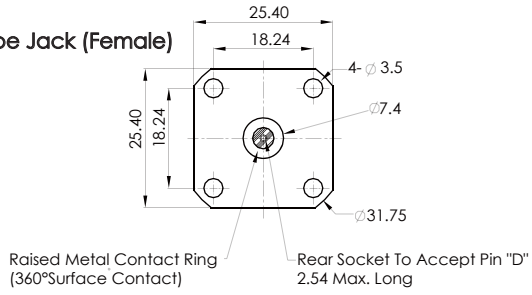
Dielectric withstanding voltage(V.R.M.S.): 1000V

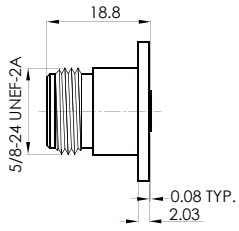
Durability: ⩾500

Material/Plating

Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PTFE & PEI	

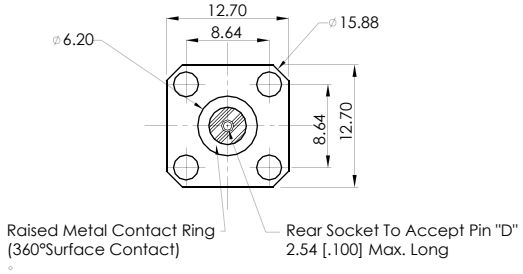
N-Type Jack (Female)

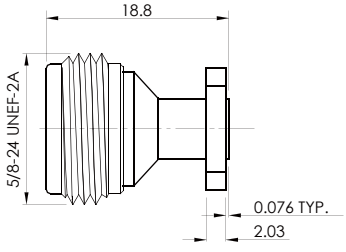




Connector No.	D
ANO5112-3231-1	0.91
ANO5112-3231-2	0.51
ANO5112-3231-3	0.46
ANO5112-3231-4	0.38

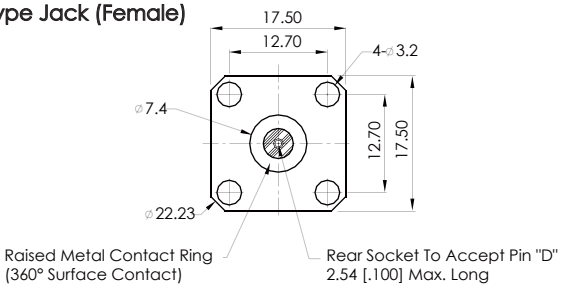
N-Type Jack (Female)

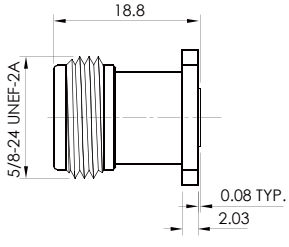




Connector No.	D
ANO5112-3261-1	0.91
ANO5112-3261-2	0.51
ANO5112-3261-3	0.46
ANO5112-3261-4	0.38

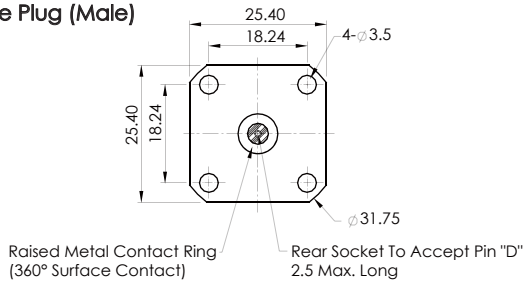
N-Type Jack (Female)

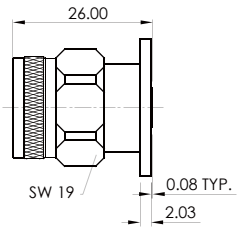




Connector No.	D
ANO5112-3234-1	0.91
ANO5112-3234-2	0.51
ANO5112-3234-3	0.46
ANO5112-3234-4	0.38

N-Type Plug (Male)





Connector No.	D
ANO5111-3243-1	0.91
ANO5111-3243-2	0.51
ANO5111-3243-3	0.46
ANO5111-3243-4	0.38

TNCA Design Features

Excellent performance to 18GHz

Low VSWR and insertion loss

High Power capability

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR: ⩽1.15

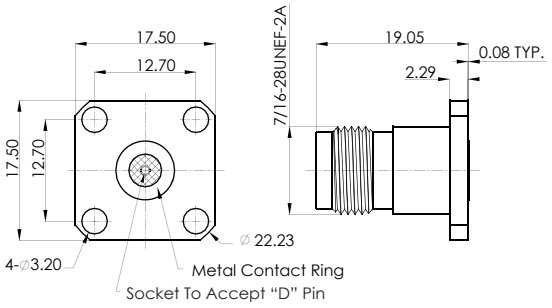
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ⩾500

Material/Plating

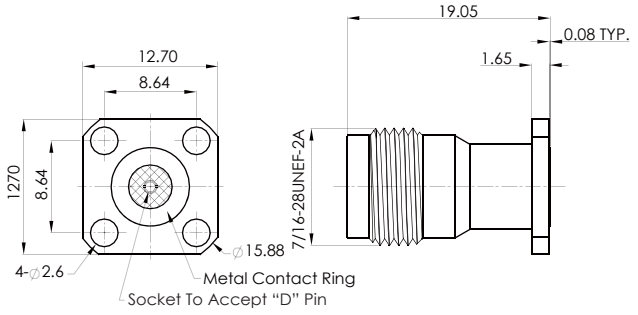
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PTFE & PEI	

TNCA Jack (Female)



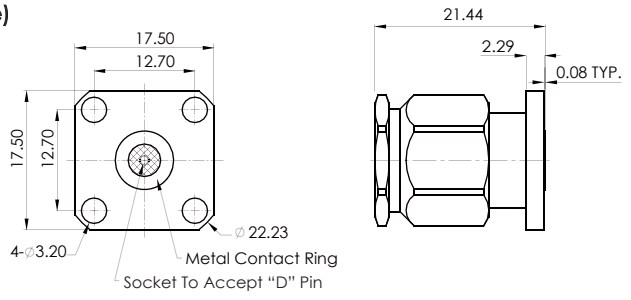
Connector No.	D	MAX. Pin Depth
ANO3012-3001-1	0.38	2.00
ANO3012-3001-2	0.46	2.54
ANO3012-3001-3	0.51	2.54
ANO3012-3001-4	0.91	2.54

TNCA Jack (Female)



Connector No.	D	MAX. Pin Depth
ANO3012-3010-1	0.38	2.00
ANO3012-3010-2	0.46	2.54
ANO3012-3010-3	0.51	2.54
ANO3012-3010-4	0.91	2.54

TNCA Plug (Male)



Connector No.	D	MAX. Pin Depth
ANO3011-3011-1	0.38	2.00
ANO3011-3011-2	0.46	2.54
ANO3011-3011-3	0.51	2.54
ANO3011-3011-4	0.91	2.54

The coaxial termination series - or loads - designed and manufactured by Anoison are matched to 50 Ohms characteristic impedance. These matched loads provide an RF termination designed to absorb all incident power with very little reflection, effectively terminating the line or port in its' characteristic impedance.

Main Specifications

Impedance：50Ω

VSWR：≤1.15

Dielectric withstanding voltage(V.R.M.S.)：100V

Durability：≥500

Material/Plating

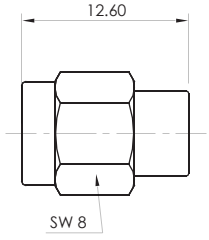
Body：Stainless steel Passivated

Center Conductor：Beryllium copper Gold

Insulators：PTFE & PEI

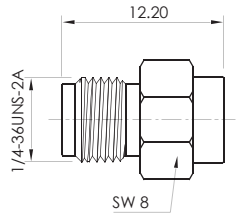
Connector No.	Power	Finish
ANO729-101	0.5w	Passivated
ANO729-202	0.5w	Passivated

2.92mm Plug (Male)



ANO729-101

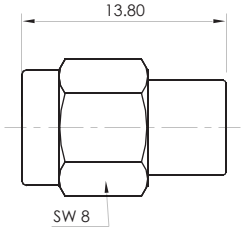
2.92mm Jack (Female)



ANO729-202

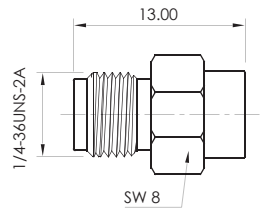
Connector No.	Power	Finish
ANO721-101	1w	Passivated
ANO721-205	1w	Passivated

SMA Plug (Male)



ANO721-101

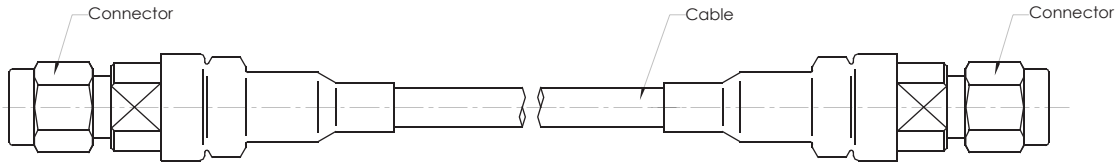
SMA Jack (Female)



ANO721-205

Anoison Provides wider range high frequency cable assemblies form SMA(18GHz/26.5GHz), 3.5mm(26.5GHz), 2.92mm(40GHz), 2.4mm(50GHz), to 1.85mm(67GHz).

- 3 Kinds Cable Type:
  Normal: Significant electrical performance, Low cost
  Phase Stable: High durability and reliability, excellent phase stability
  Phase Marching: Excellent phase marching on pair cables, ＜0.5ps
- Various and customized selections of cables
  Ex: SMA to SMPM, 2.92mm to SMPM, …etc.
- Lower return loss and insertion loss.
- Special selected for high-speed device measurement.



Cable Model	SMP/SMPM	SMA			3.5mm		2.92mm	2.4mm	1.85mm
	SS405	Normal	Phase Marching	Phase Stable	Phase Marching	Phase Stable	Phase Stable	Normal	Normal
Impedance(Nominal)(Ohms)	50								
Maximum Frequency(GHz)	18	18	18	26.5	26.5		40	50	67
Overall Diameter(mm)	2.65	4.2	3.60				3.60	3.10	2.20
Typical VSWR	1.5	1.3	1.25	1.25	1.25	1.25	1.25	1.30	1.35
Typical Insertion Loss(dB)	3.6/m	2.1/m	1.4/m	1.7/m			2.66/m	3.76/m	9.68/m
Typical Phase Stability(degree)	NA	NA	±5°				±8°	±8°	NA
Phase Matching	NA	NA	0.5 psec	NA	0.5 psec	NA	NA	NA	NA
Shielding Effectiveness(dB through 18GHz)	＞90dB	＞90dB	＞90dB				＞90dB	＞90dB	＞90dB
Time Delay(Nominal)(ns/m)	4.8	4.8	4.33				4.3	4.15	4.62
Velocity of Propagation (%)	70	70	85				85	83	82
Minimum Bend Radius(mm)	12.7	20.32	10				20	19.05	12.7
Temperature Range	-55℃ to +125℃								

Index

Adapters

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR: ≤1.15

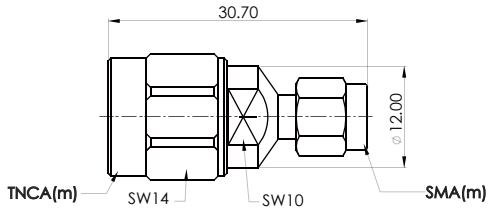
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

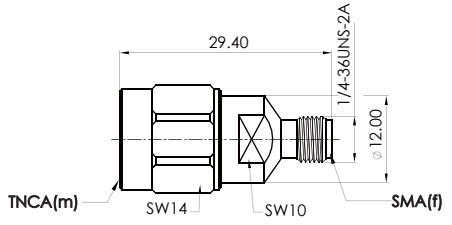
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PTFE & PEI	

TNCA(m) to SMA(m)



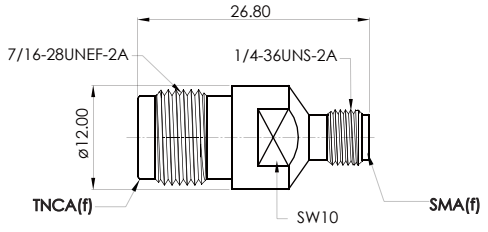
PA3021A

TNCA(m) to SMA(f)



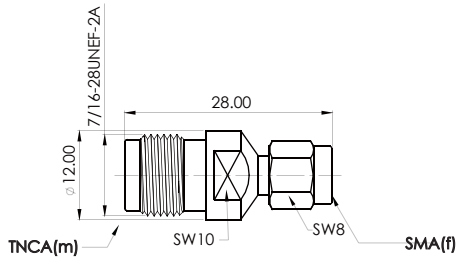
PA3021B

TNCA(f) to SMA(f)



PA3021C

TNCA(f) to SMA(m)



PA3021D

Adapters

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR: ≤1.15

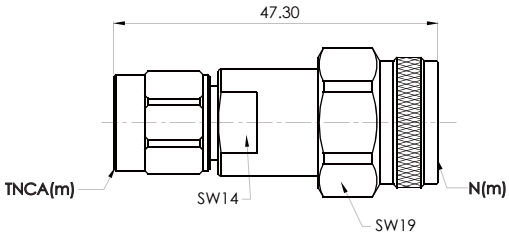
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

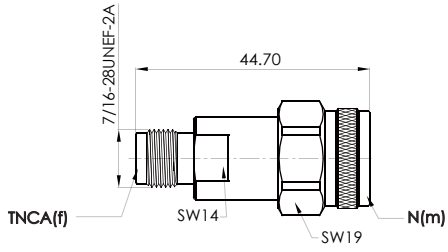
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PTFE & PEI	

TNCA(m) to N(m)



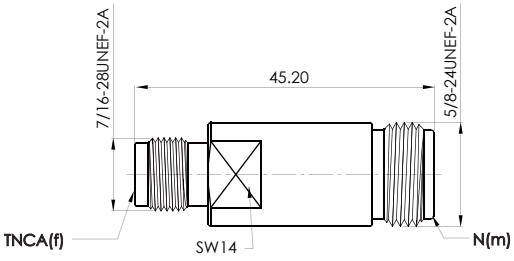
PA5130A

TNCA(f) to N(m)



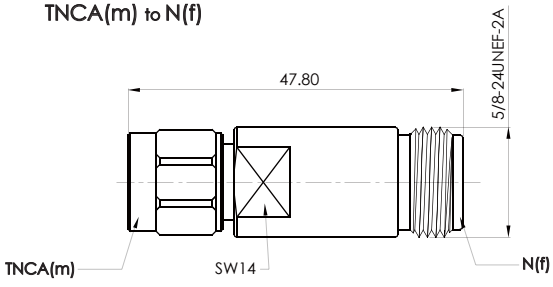
PA5130B

TNCA(f) to N(f)



PA5130C

TNCA(m) to N(f)



PA5130D

Main Specifications

Impedance：50Ω

Frequency range：DC~18GHz

VSWR:≤1.15

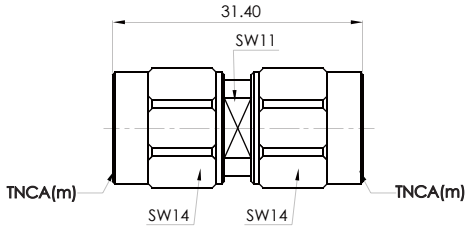
Dielectric withstanding voltage(V.R.M.S.)：1000V

Durability：≥500

Material/Plating

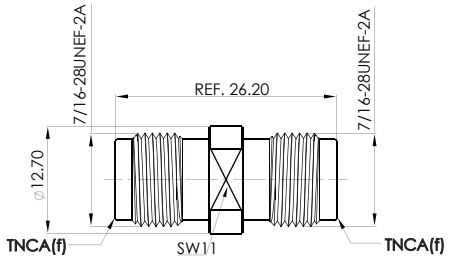
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PTFE & PEI		

TNCA(m) to TNCA(m)



PA3030A

TNCA(f) to TNCA(f)



PA3030C

Adapters

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR: ⩽1.15

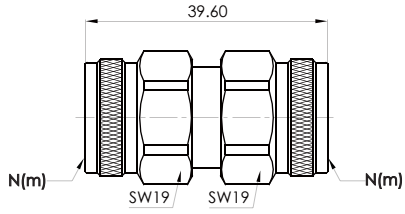
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ⩾500

Material/Plating

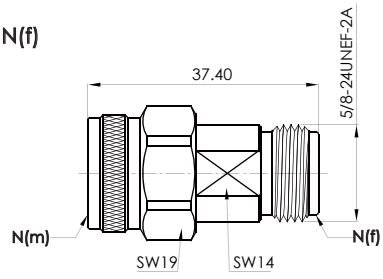
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PTFE & PEI	

N(m) to N(m)



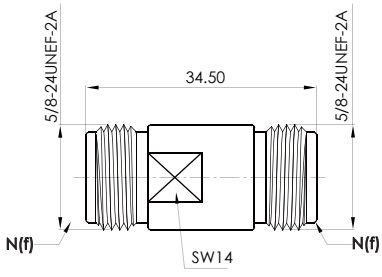
PA5151A

N(m) to N(f)



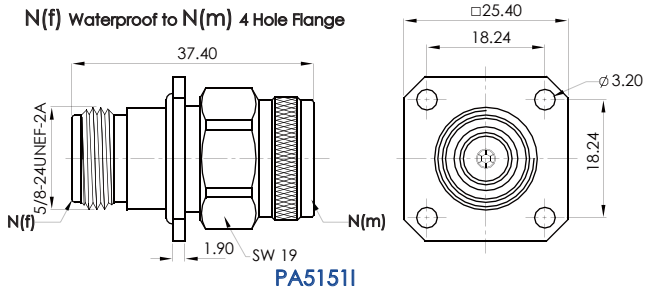
PA5151B

N(f) to N(f)



PA5151C

N(f) Waterproof to N(m) 4 Hole Flange



PA5151I

Main Specifications

Impedance：50Ω

Frequency range：DC~18GHz

Dielectric withstanding voltage(V.R.M.S.)：1000V

Durability：≥500

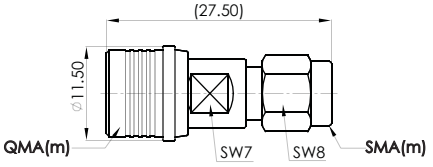
VSWR：≤1.15 @ DC~6GHz

≤1.30 @ 6~18GHz

Material/Plating

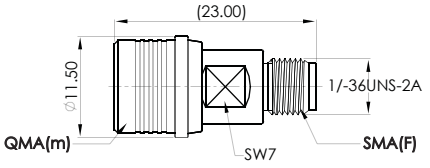
Body：Brass	Albaloy
Center Conductor：Brass/Beryllium copper	Gold
Insulators：PTFE	

QMA(m) to SMA(m)



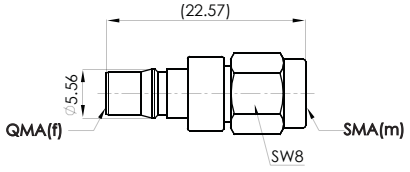
ANO261-211-1029

QMA(m) to SMA(f)



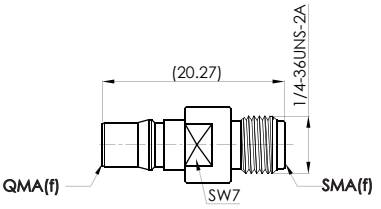
ANO261-212-1031

QMA(f) to SMA(m)



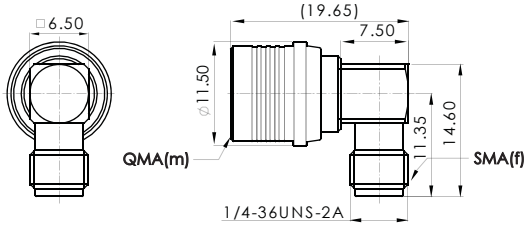
ANO262-211-1032

QMA(f) to SMA(f)



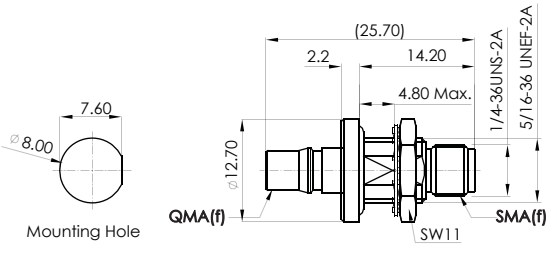
ANO262-212-1030

Right Angle QMA(m) to SMA(f)



ANO261-212-2132

QMA(f) to Waterproof Bulkhead SMA(f)



ANO262-212-1070-1

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR:≤1.15

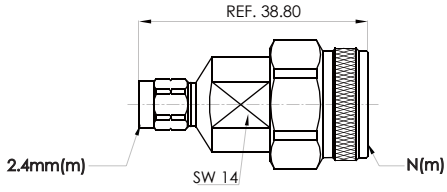
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

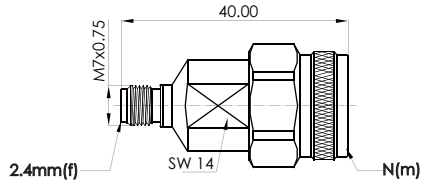
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PEI	

N(m) to 2.4mm(m)



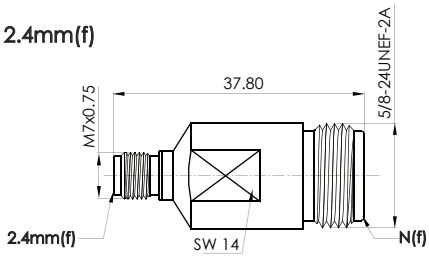
PA5122A

N(m) to 2.4mm(f)



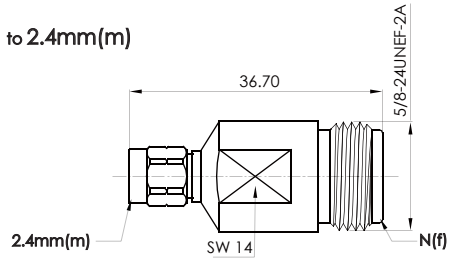
PA5122B

N(f) to 2.4mm(f)



PA5122C

N(f) to 2.4mm(m)



PA5122D

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR:≤1.15

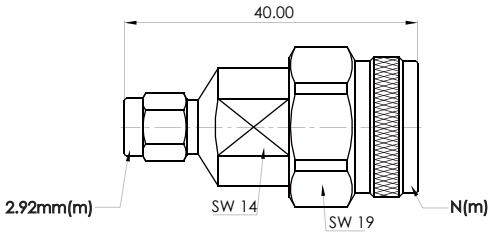
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

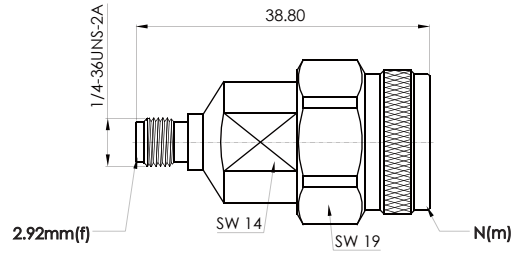
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PEI	

N(m) to 2.92mm(m)



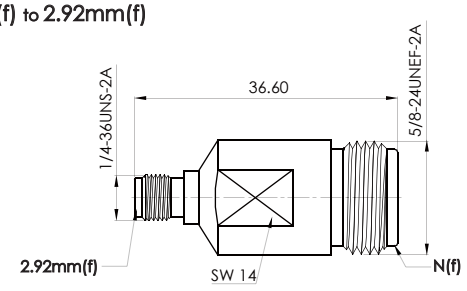
PA5129A

N(m) to 2.92mm(f)



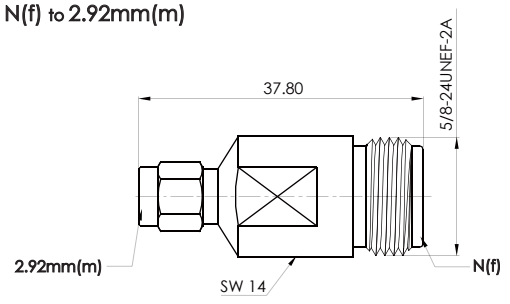
PA5129B

N(f) to 2.92mm(f)



PA5129C

N(f) to 2.92mm(m)



PA5129D

DC -18 GHz
N To 3.5mm Adapters

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR: ⩽1.15

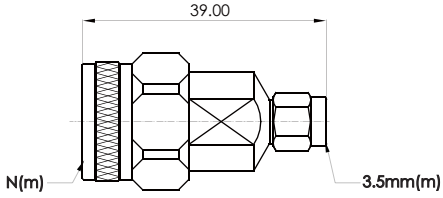
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ⩾500

Material/Plating

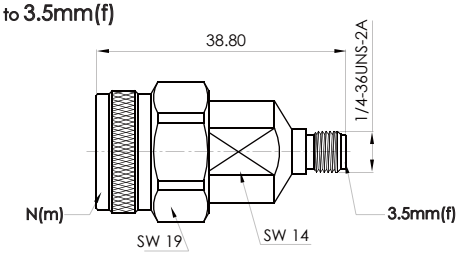
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PEI	

N(m) to 3.5mm(m)



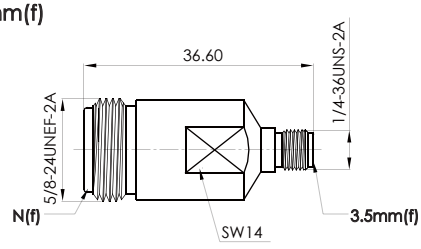
PA5125A

N(m) to 3.5mm(f)



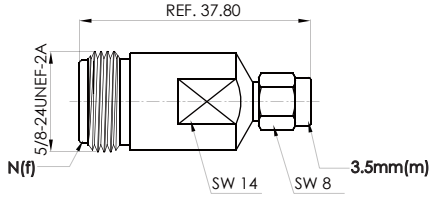
PA5125B

N(f) to 3.5mm(f)



PA5125C

N(f) to 3.5mm(m)



PA5125D

Main Specifications

Impedance: 50Ω

Frequency range: DC~18GHz

VSWR: ⩽1.15

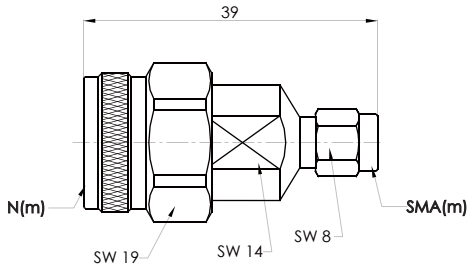
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ⩾500

Material/Plating

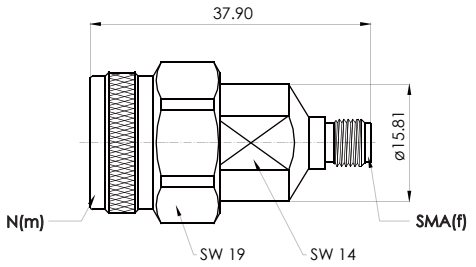
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PEI	

N(m) to SMA(m)



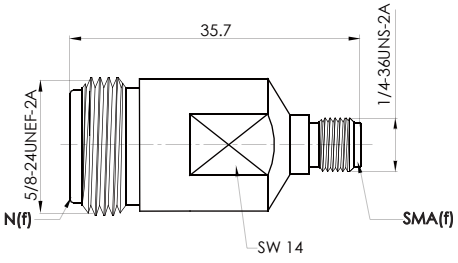
PA5121A

N(m) to SMA(f)



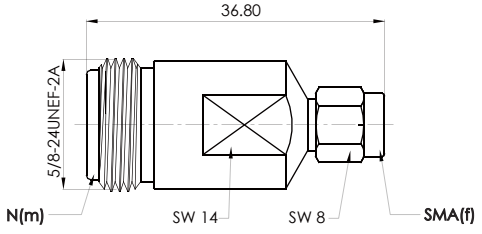
PA5121B

N(f) to SMA(f)



PA5121A

N(m) to SMA(f)



PA5121B

Adapters

Main Specifications

Impedance：50Ω

Frequency range：DC~27GHz

VSWR：≤1.10 @ DC~18GHz

≤1.15 @ 18~27GHz

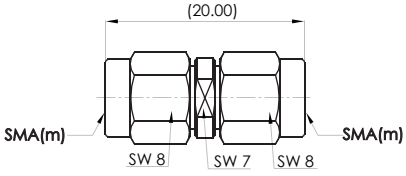
Dielectric withstanding voltage(V.R.M.S.)：1000V

Durability：≥500

Material/Plating

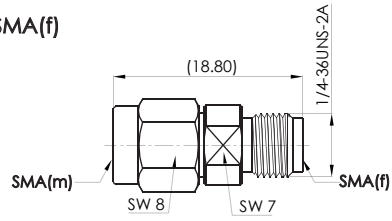
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PTFE&PEI		

SMA(m) to SMA(m)



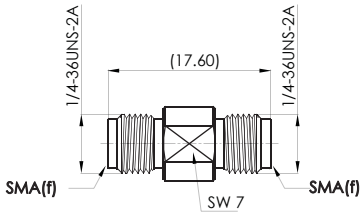
PA2121A

SMA(m) to SMA(f)



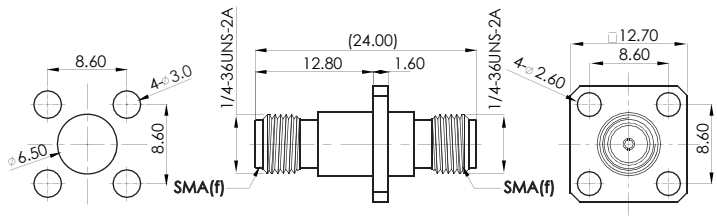
PA2121B

SMA(f) to SMA(f)



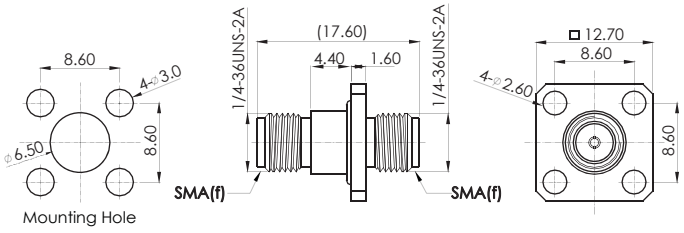
PA2121C

SMA(f) to SMA(f) 4 Hole Flange



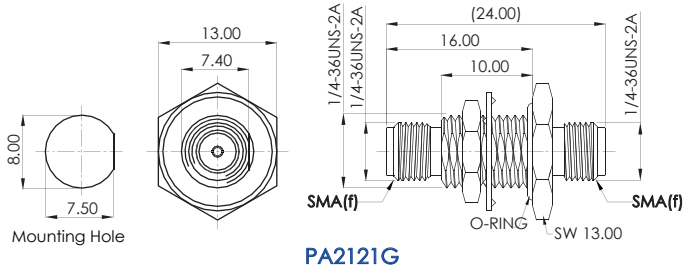
PA2121F

SMA(f) Waterproof to SMA(f) 4 Hole Flange



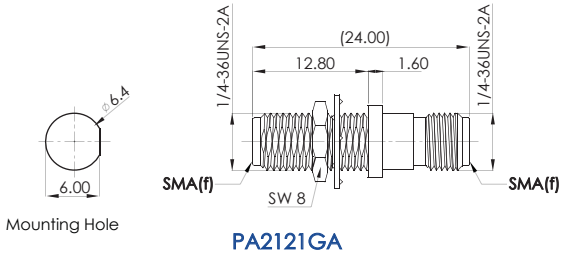
PA2121FA

SMA(f) to SMA(f) Bulkhead



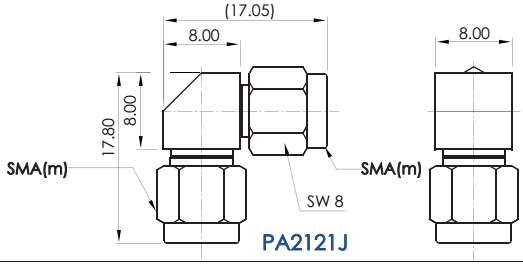
PA2121G

SMA(f) to SMA(f) Bulkhead



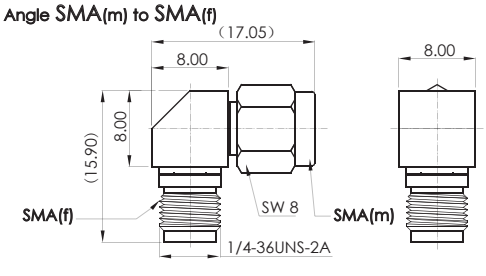
PA2121GA

Right Angle SMA(m) to SMA(m)



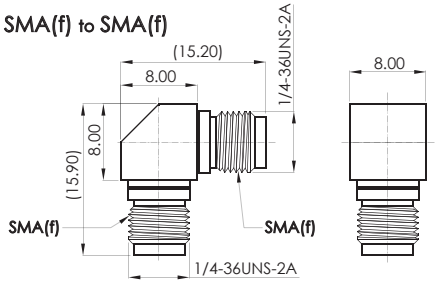
PA2121J

Right Angle SMA(m) to SMA(f)



PA2121K

Right Angle SMA(f) to SMA(f)



PA2121L

Main Specifications

Impedance：50Ω

Frequency range：DC~27GHz

VSWR：≤1.10 @ DC~18GHz

≤1.15 @ 18~27GHz

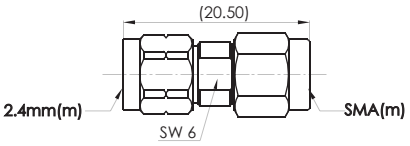
Dielectric withstanding voltage(V.R.M.S.)：1000V

Durability：≥500

Material/Plating

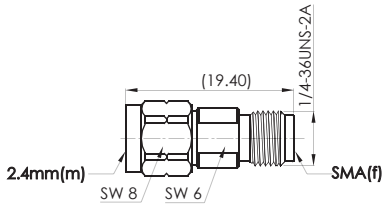
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PTFE&PEI		

SMA(m) to 2.4mm(m)



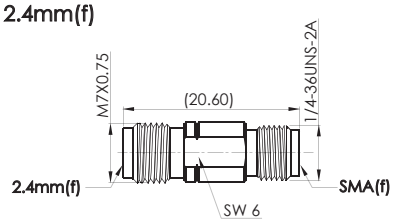
PA2221A

SMA(f) to 2.4mm(m)



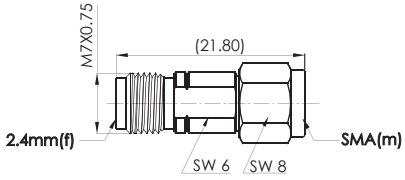
PA2221B

SMA(f) to 2.4mm(f)



PA2221C

SMA(m) to 2.4mm(f)



PA2221D

Main Specifications

Impedance：50Ω

Frequency range：DC~27GHz

VSWR：≤1.10 @ DC~18GHz

≤1.15 @ 18~27GHz

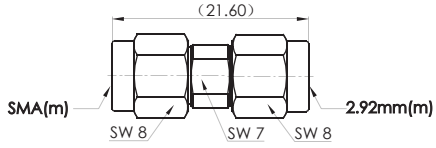
Dielectric withstanding voltage(V.R.M.S.)：1000V

Durability：≥500

Material/Plating

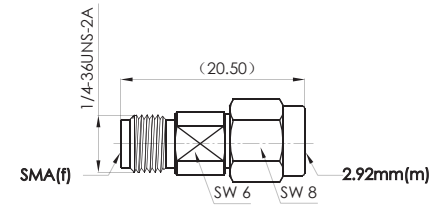
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PTFE&PEI		

SMA(m) to 2.92mm(m)



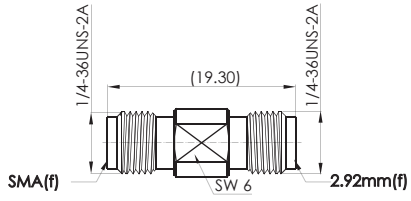
PA2921A

SMA(f) to 2.92mm(m)



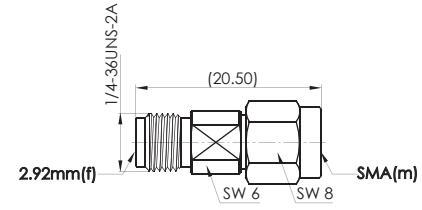
PA2921B

SMA(f) to 2.92mm(f)



PA2921C

SMA(m) to 2.92mm(f)



PA2921D

Main Specifications

Impedance: 50Ω

Frequency range: DC~27GHz

VSWR: ≤1.15

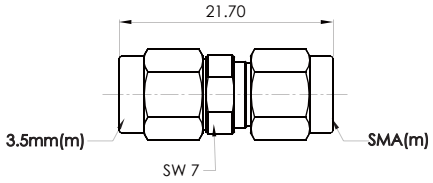
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

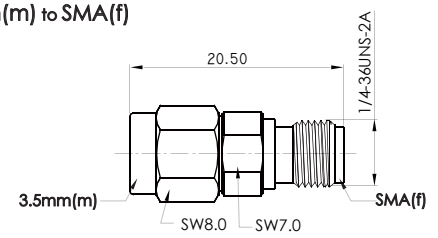
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PTFE & PEI	

3.5mm(m) to SMA(m)



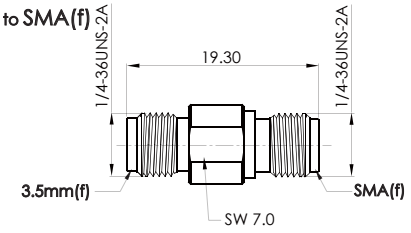
PA2521A

3.5mm(m) to SMA(f)



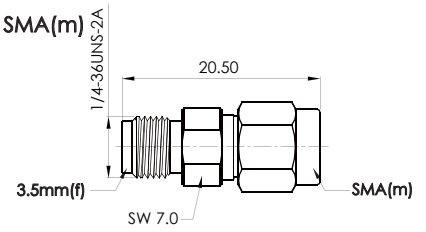
PA2521B

3.5mm(f) to SMA(f)



PA2521C

3.5mm(f) to SMA(m)



PA2521D

DC-33 GHz
1.85mm to 3.5mm Adapters

Main Specifications

Impedance: 50Ω

Frequency range: DC~33GHz

VSWR: ≤1.15

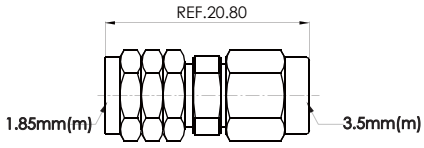
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

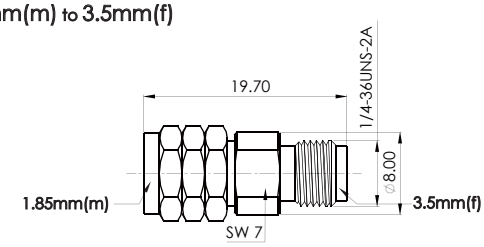
Body：	Stainless steel	Passivated
Center Conductor：	Beryllium copper	Gold
Insulators：	PEI	

1.85mm(m) to 3.5mm(m)



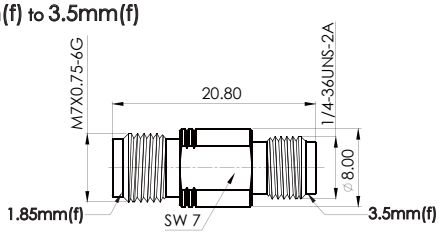
PA6225A

1.85mm(m) to 3.5mm(f)



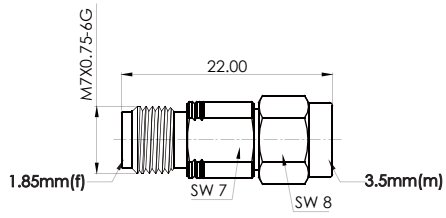
PA6225B

1.85mm(f) to 3.5mm(f)



PA6225C

1.85mm(m) to 3.5mm(f)



PA6225D

Adapters

Main Specifications

Impedance: 50Ω

Frequency range: DC~33GHz

VSWR: ≤1.15

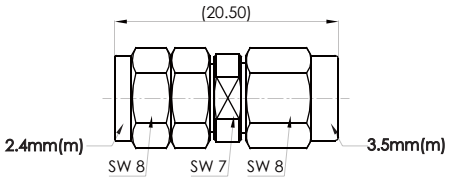
Dielectric withstanding voltage(V.R.M.S.): 1000V

Durability: ≥500

Material/Plating

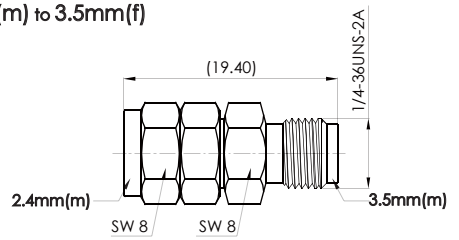
Body: Stainless steel	Passivated
Center Conductor: Beryllium copper	Gold
Insulators: PEI	

2.4mm(m) to 3.5mm(m)



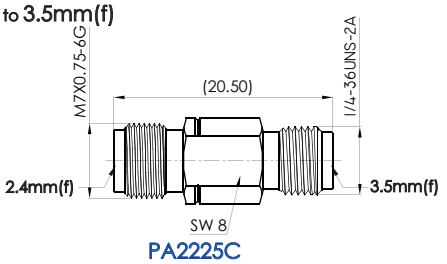
PA2225A

2.4mm(m) to 3.5mm(f)



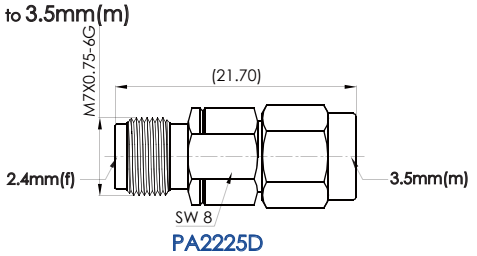
PA2225B

2.4mm(f) to 3.5mm(f)



PA2225C

2.4mm(f) to 3.5mm(m)



PA2225D

Main Specifications

Impedance：50Ω

Frequency range：DC~40GHz

VSWR：≤1.15

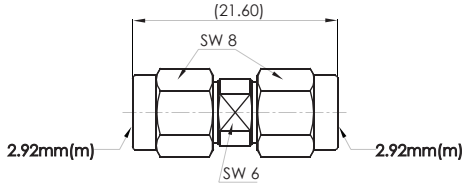
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

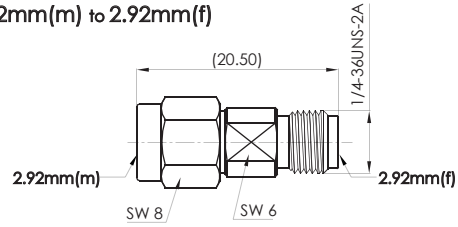
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

2.92mm(m) to 2.92mm(m)



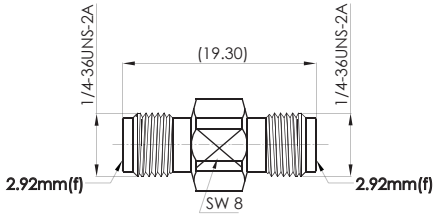
PA2929A

2.92mm(m) to 2.92mm(f)



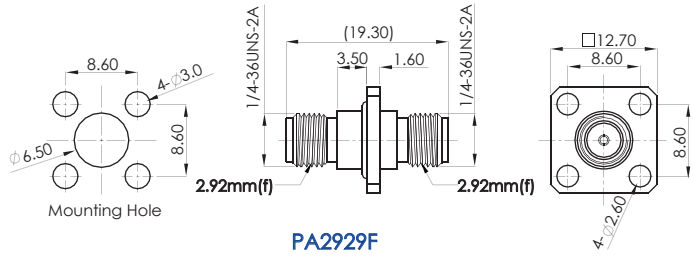
PA2929B

2.92mm(f) to 2.92mm(f)



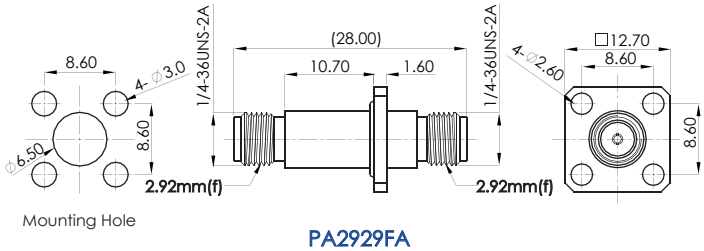
PA2929C

2.92mm(f) to 2.92mm(f) 4 Hole Flange



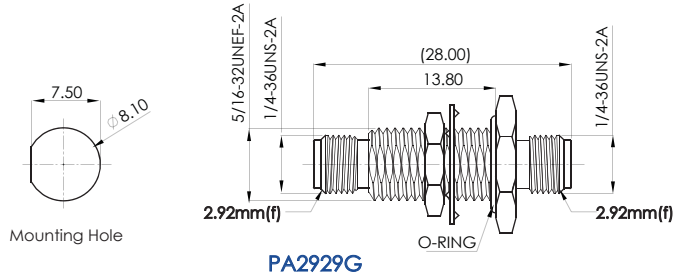
PA2929F

2.92mm(f) to 2.92mm(f) 4 Hole Flange



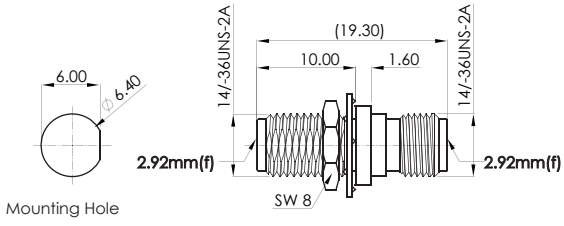
PA2929FA

2.92mm(f) to 2.92mm(f) Bulkhead



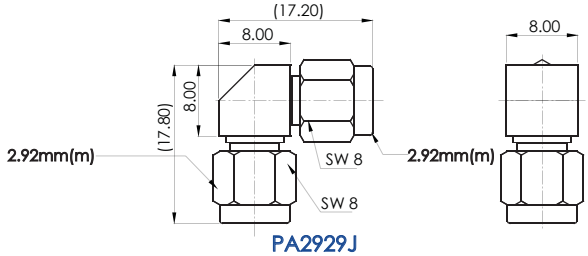
PA2929G

2.92mm(f) to 2.92mm(f) Bulkhead



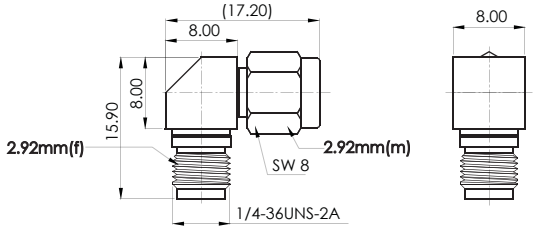
PA2246

Right Angle 2.92mm(m) to 2.92mm(m)



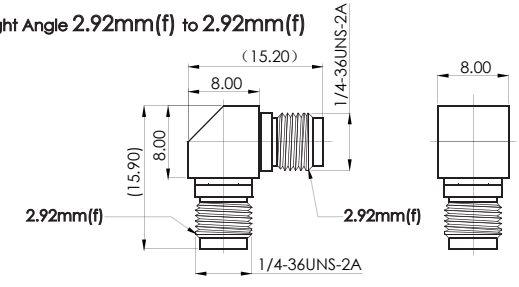
PA2929J

Right Angle 2.92mm(m) to 2.92mm(f)



PA2929K

Right Angle 2.92mm(f) to 2.92mm(f)



PA2929L

Main Specifications

Impedance：50Ω

Frequency range：DC~40GHz

VSWR：≤1.15

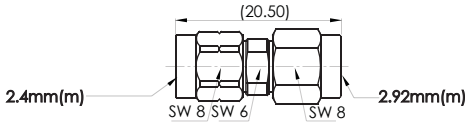
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

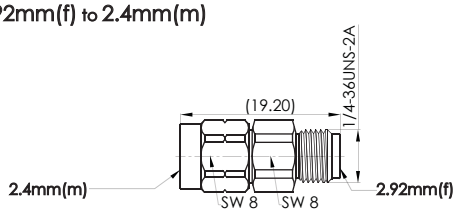
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

2.92mm(m) to 2.4mm(m)



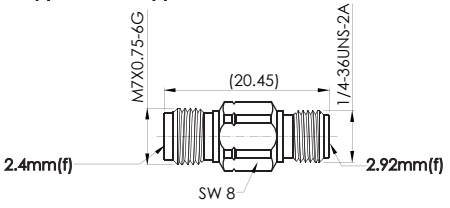
PA2229A

2.92mm(f) to 2.4mm(m)



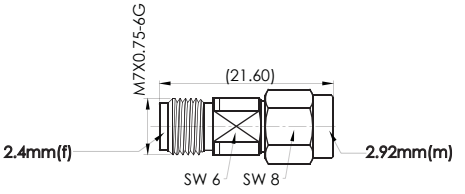
PA2229B

2.92mm(f) to 2.4mm(f)



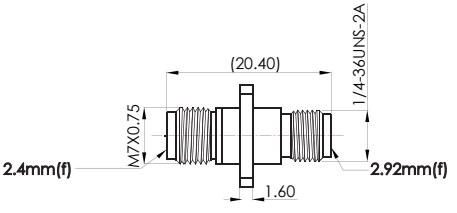
PA2229C

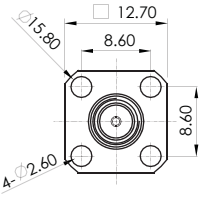
2.92mm(m) to 2.4mm(f)



PA2229D

2.92mm(f) to 2.4mm(f) 4 Hole Flange





PA2229F

Adapters

DC-40 GHz
2.92mm to 1.85mm Adapters

Main Specifications

Impedance：50Ω

Frequency range：DC~40GHz

VSWR：≤1.15

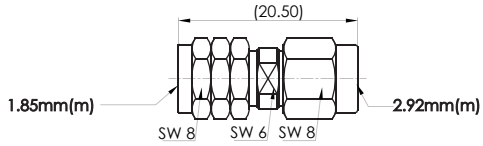
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

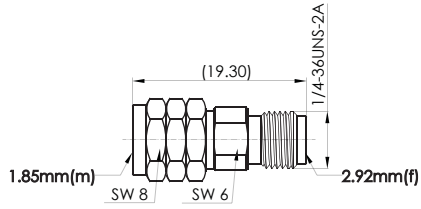
Body：Stainless steel	Passivated
Center Conductor：Beryllium copper	Gold
Insulators：PEI	

2.92mm(m) to 1.85mm(m)



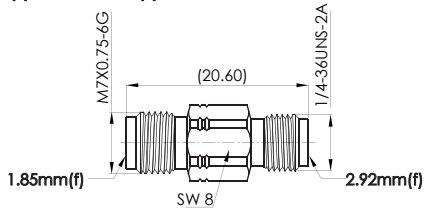
PA6229A

2.92mm(f) to 1.85mm(m)



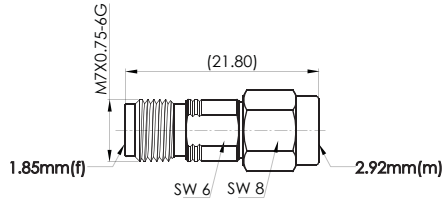
PA6229B

2.92mm(f) to 1.85mm(f)



PA6229C

2.92mm(m) to 1.85mm(f)



PA6229D

Adapters

Main Specifications

Impedance：50Ω

Frequency range：DC~40GHz

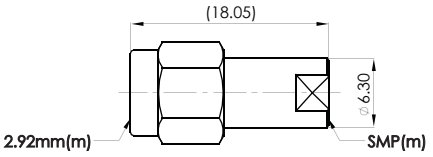
VSWR：≤1.20 @ DC~18GHz
≤1.30 @ 18~26.5GHz
≤1.50 @ 26.5~40GHz

Material/Plating

Body：Brass/Beryllium copper		Gold
	Stainless steel	Passivated
Center Conductor：Brass/Beryllium copper		Gold
Insulators：PTFE		

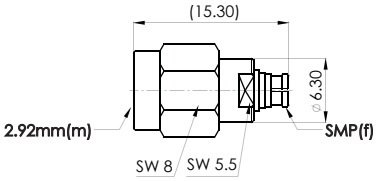
SMP(m) to 2.92mm(m)

Adapter No.	Finish	Interface
ANO291-931-1327-1	Passivated	Full Detent
ANO291-931-1327-2	Passivated	Limited Detent
ANO291-931-1327-3	Passivated	Smooth Bore



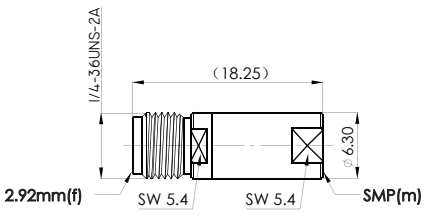
SMP(f) to 2.92mm(m)

Adapter No.	Finish
ANO291-932-1325	Gold



SMP(m) to 2.92mm(f)

Adapter No.	Finish	Interface
ANO292-931-1326-1	Passivated	Full Detent
ANO292-931-1326-2	Passivated	Limited Detent
ANO292-931-1326-3	Passivated	Smooth Bore



Main Specifications

Impedance：50Ω

Frequency range：DC~50GHz

VSWR：≤1.15

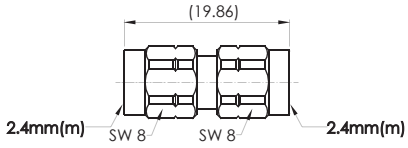
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

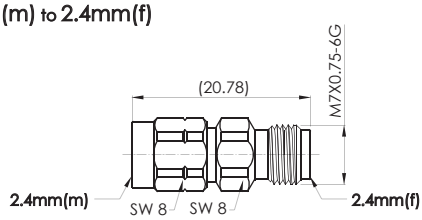
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

2.4mm(m) to 2.4mm(m)



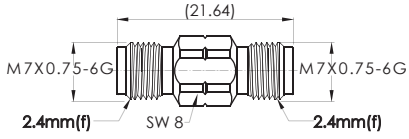
PA2222A

2.4mm(m) to 2.4mm(f)



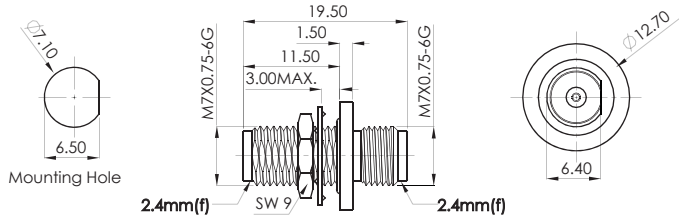
PA2222BA

2.4mm(f) to 2.4mm(f)



PA2222CA

2.4mm(f) to 2.4mm(f) Bulkhead



PA2222E

Main Specifications

Impedance：50Ω

Frequency range：DC~50GHz

VSWR：≤1.15

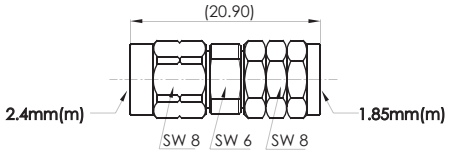
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

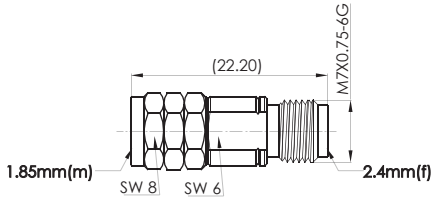
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

2.4mm(m) to 1.85mm(m)



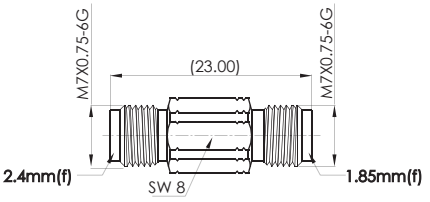
PA6222A

2.4mm(f) to 1.85mm(m)



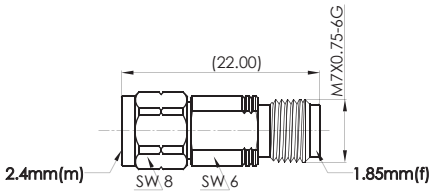
PA6222B

2.4mm(f) to 1.85mm(f)



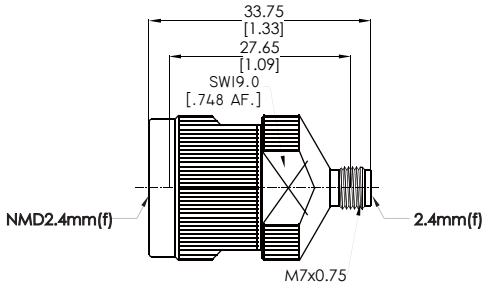
PA6222C

2.4mm(m) to 1.85mm(f)



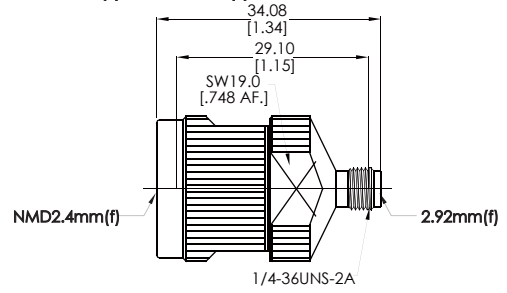
PA6222D

NMD2.4mm(f) to 2.4mm(f)



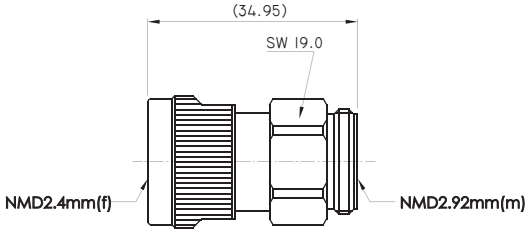
PA6822C

NMD2.4mm(f) to 2.92mm(f)



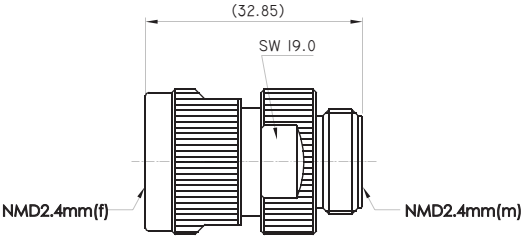
PA6829C

NMD2.4mm(f) to NMD2.92mm(m)



PA6864B

NMD2.4mm(f) to NMD2.4mm(m)



PA6868B

Main Specifications

Impedance：50Ω

Frequency range：DC~65GHz

VSWR：≤1.25

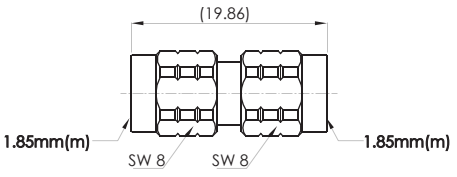
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

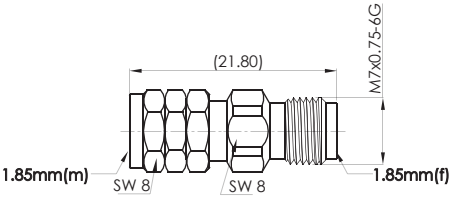
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

1.85mm(m) to 1.85mm(m)



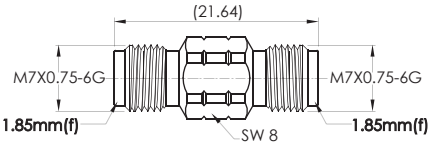
PA6262A

1.85mm(m) to 1.85mm(f)



PA6262BA

1.85mm(f) to 1.85mm(f)



PA6262C

Main Specifications

Impedance：50Ω

Frequency range：DC~65GHz

VSWR：≤1.25

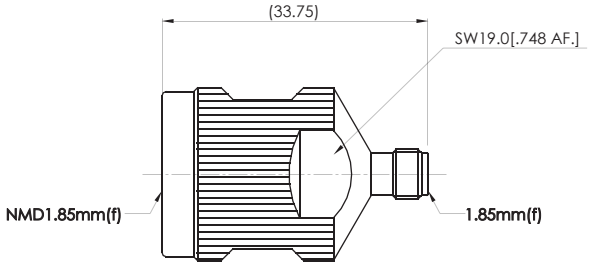
Dielectric withstanding voltage(V.R.M.S.)：750V

Durability：≥500

Material/Plating

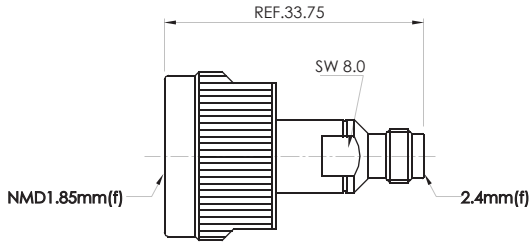
Body：Stainless steel		Passivated
Center Conductor：Beryllium copper		Gold
Insulators：PEI		

NMD1.85mm(f) to 1.85mm(f)



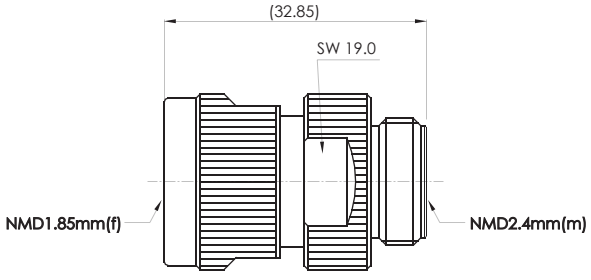
PA6962C

NMD1.85mm(f) to 2.4mm(f)



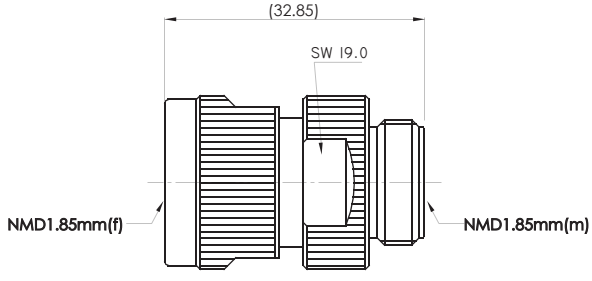
PA6922C

NMD1.85mm(f) to NMD2.4mm(m)



PA6968B

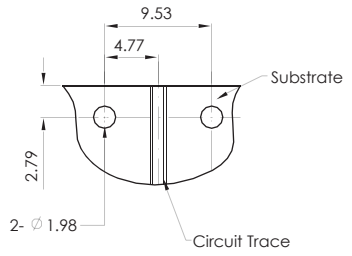
NMD1.85mm(f) to NMD1.85mm(m)

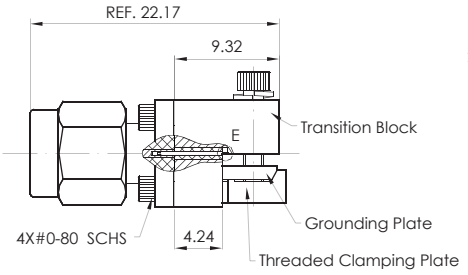


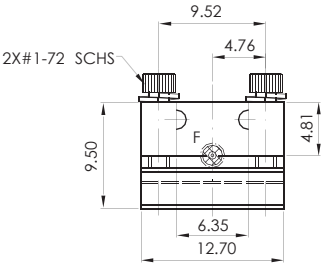
PA6969B

Field Replaceable .375" Square Flange Connectors are Available in Male or Female Configurations.

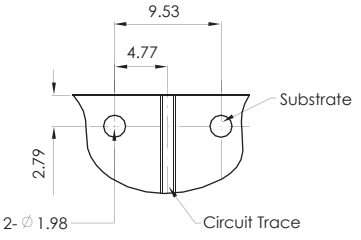
Standard Profile Connectors

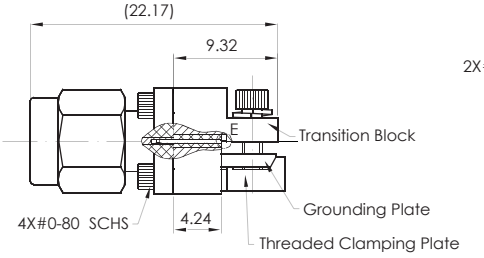


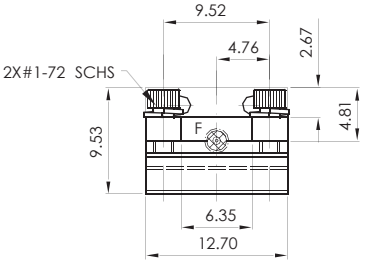




Low Profile Connectors





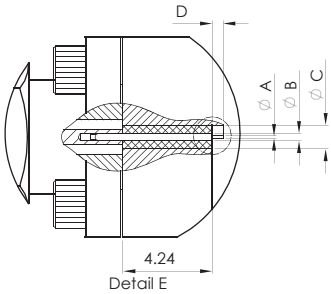


	Standard Profile		Low Profile		A	B	C	D
	Female	Male	Female	Male				
SMA (27GHz)	ANO 212-A1-H	ANO 211-A1-H	ANO 212-A1-L	ANO 211-A1-L	0.13	0.23	0.74	0.76
	ANO 212-A2-H	ANO 211-A2-H	ANO 212-A2-L	ANO 211-A2-L	0.18	0.31	0.99	0.76
	ANO 212-A3-H	ANO 211-A3-H	ANO 212-A3-L	ANO 211-A3-L	0.18	0.38	1.22	0.76
	ANO 212-A4-H	ANO 211-A4-H	ANO 212-A4-L	ANO 211-A4-L	0.25	0.51	1.61	1.27

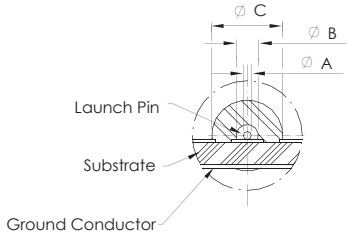
	Standard Profile		Low Profile		A	B	C	D
	Female	Male	Female	Male				
2.92mm (40GHz)	ANO 292-A1-H	ANO 291-A1-H	ANO 292-A1-L	ANO 291-A1-H	0.13	0.23	0.74	0.76
	ANO 292-A2-H	ANO 291-A2-H	ANO 292-A2-H	ANO 291-A2-H	0.18	0.31	0.99	0.76
	ANO 292-A3-H	ANO 291-A3-H	ANO 292-A3-H	ANO 291-A3-H	0.18	0.38	1.22	0.76
	ANO 292-A4-H	ANO 291-A4-H	ANO 292-A4-H	ANO 291-A4-H	0.25	0.51	1.61	1.27

	Standard Profile	Low Profile	A	B	C	D
	Female	Female				
2.4mm (50GHz)	ANO 222-A1-H	ANO 222-A1-L	0.13	0.23	0.74	0.76
	ANO 222-A2-H	ANO 222-A2-L	0.18	0.31	0.99	0.76
	ANO 222-A3-H	ANO 222-A3-L	0.18	0.38	1.22	0.76
	ANO 222-A4-H	ANO 222-A4-L	0.25	0.51	1.61	1.27

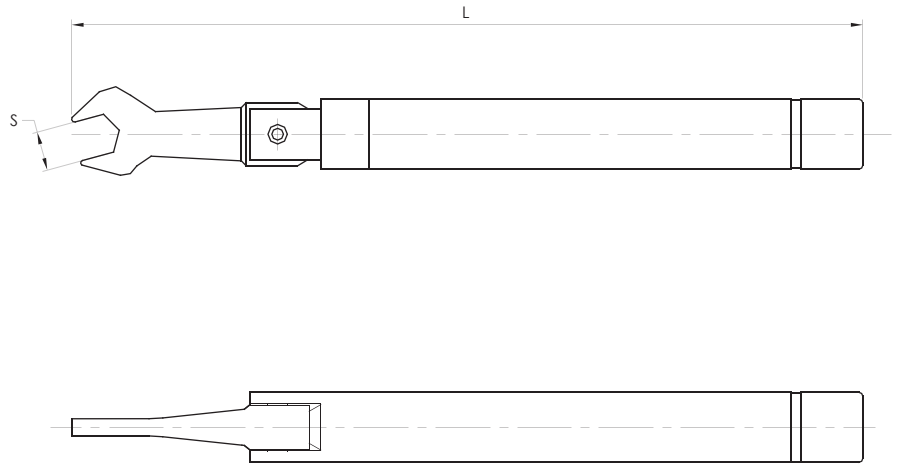
	Standard Profile	Low Profile	A	B	C	D
	Female	Female				
1.85mm (65GHz)	ANO 622-A1-H	ANO 622-A1-L	0.13	0.23	0.74	0.76
	ANO 622-A2-H	ANO 622-A2-L	0.18	0.31	0.99	0.76



Detail E

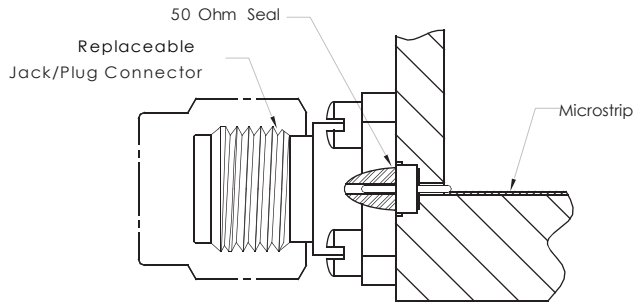


Detail F

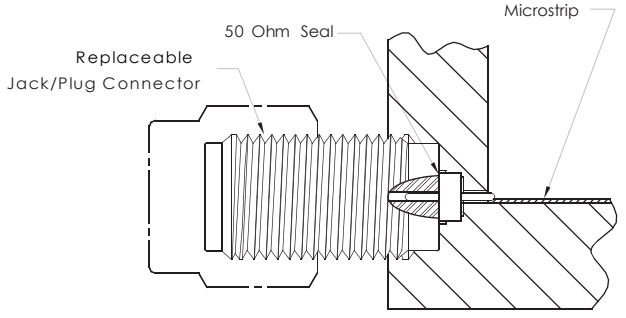


Part Number	S	L	Torque
ANO TW-001	8.0	163.5	0.92 N • m
ANO TW-002	8.0	163.5	1.36 N • m
ANO TW-003	19.0	180.0	0.92 N • m
ANO TW-004	19.0	180.0	1.60 N • m
ANO TW-005	20.0	180.0	0.92 N • m
ANO TW-006	20.0	180.0	1.60 N • m
ANO TW-007	20.6	180.1	0.92 N • m
ANO TW-008	20.6	180.1	1.60 N • m
ANO TW-011	6.0	115.5	0.36 N • m
ANO TW-016	6.0	115.5	0.45 N • m
ANO TW-019	8.0	163.5	0.56 N • m

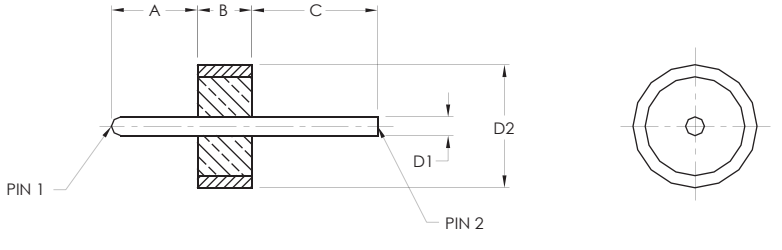
Hermtic Transitions To Microstrip Circuits For Flange Mount And Thread-In Connectors



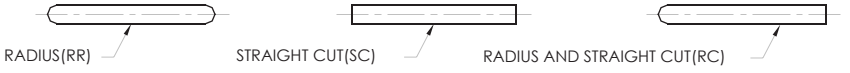
Flange Mount Applications



Thread-In Applications



CENTER CONDUCTOR TYPE



ITEM 1	Kovar, Gold Plated
ITEM 2	Glass
ITEM 3	Kovar, Gold Plated

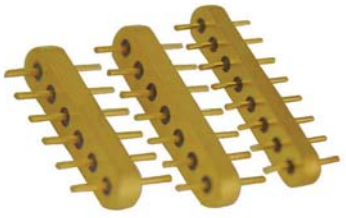
Part Number	Pin1	Pin2	D1	D2	A	B	C
ANO HS-0100-SC	Straight Cut	Straight Cut	0.91	6.81	2.49	1.53	4.70
ANO HS-0100-RR	Radius	Radius					
ANO HS-0100-RC	Radius	Straight Cut					
ANO HS-0200-SC	Straight Cut	Straight Cut	0.51	4.01	1.78	1.53	5.16
ANO HS-0200-RR	Radius	Radius					
ANO HS-0200-RC	Radius	Straight Cut					
ANO HS-0300-SC	Straight Cut	Straight Cut	0.46	2.79	1.83	1.59	4.57
ANO HS-0300-RR	Radius	Radius					
ANO HS-0300-RC	Radius	Straight Cut					
ANO HS-0400-SC	Straight Cut	Straight Cut	0.38	2.49	1.52	1.59	3.18
ANO HS-0400-RR	Radius	Radius					
ANO HS-0400-RC	Radius	Straight Cut					
ANO HS-0401-SC	Straight Cut	Straight Cut			1.73	1.09	1.73
ANO HS-0401-RR	Radius	Radius					
ANO HS-0401-RC	Radius	Straight Cut					
ANO HS-0402-SC	Straight Cut	Straight Cut			1.83	1.59	4.57
ANO HS-0402-RR	Radius	Radius					
ANO HS-0402-RC	Radius	Straight Cut					
ANO HS-0403-SC	Straight Cut	Straight Cut			1.78	1.59	1.78
ANO HS-0403-RR	Radius	Radius					
ANO HS-0403-RC	Radius	Straight Cut					
ANO HS-0404-SC	Straight Cut	Straight Cut			2.00	2.00	5.00
ANO HS-0404-RR	Radius	Radius					
ANO HS-0404-RC	Radius	Straight Cut					
ANO HS-0500-SC	Straight Cut	Straight Cut	0.30	1.93	1.02	1.40	0.74
ANO HS-0500-RR	Radius	Radius					
ANO HS-0500-RC	Radius	Straight Cut					
ANO HS-0501-SC	Straight Cut	Straight Cut					2.04
ANO HS-0501-RR	Radius	Radius					
ANO HS-0501-RC	Radius	Straight Cut					
ANO HS-0502-SC	Straight Cut	Straight Cut					4.06
ANO HS-0502-RR	Radius	Radius					
ANO HS-0502-RC	Radius	Straight Cut					
ANO HS-0600-SC	Straight Cut	Straight Cut	0.23	1.73	0.76	1.40	0.66
ANO HS-0600-RR	Radius	Radius					
ANO HS-0600-RC	Radius	Straight Cut					
ANO HS-0601-SC	Straight Cut	Straight Cut					3.05
ANO HS-0601-RR	Radius	Radius					
ANO HS-0601-RC	Radius	Straight Cut					

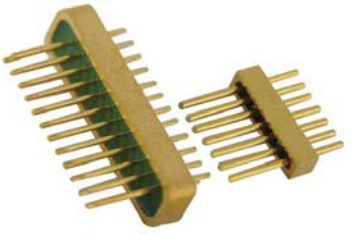
Mini-feedthroughs

ø1.2x1.6-ø0.45x8(mm)

Four-pin-round feedthroughts

Multi-pin retangular feedthroughs

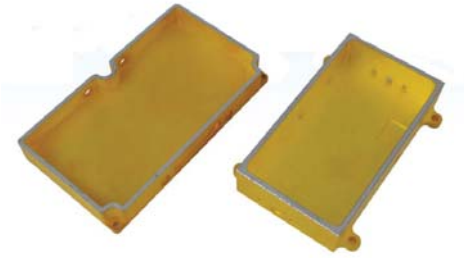




Bend-pin feedthroughs

Flat-pin feedthroughs

There is a good weetability between Al and Si and no intermediate phase compounds in the preparation process. So the Si/Al composites inherite the good characteristics of low thermal, good expansion and easy of processing.



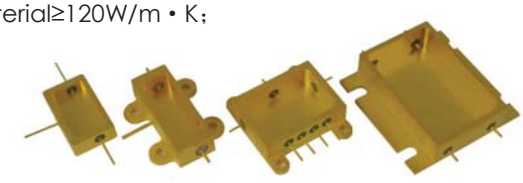
Mechanical properties of materials

Materials	Tensile strength(Mpa)	Flexural strength(Mpa)	Elastic Modulus(Gpa)
50%Si/Al	138	172	121
42%Si/Al	176	213	101
27%Si/Al	236	210	92
22%Si/Al	236	210	85

Key technical specifications

Si/Al Composite Material: 50%Si/Al、42%Si/Al、27%Si/Al、22%Si/Al;
Material Density:≤2.7g/cm^3 ;
Thermal Conductivity At Room Temperature: Si/Al Composite material≥120W/m • K;
Thermal conductivity between 20-200℃;

50%Si/Al：12.1±1ppm/℃;
42%Si/Al：13.4±1ppm/℃;
27%Si/Al：16.7±1ppm/℃;
22%Si/Al：17.6±1ppm/℃;



The material compact density up to 99%, no internal inclusions, porosity, cracks and other defiects;
After high-pressure helium adsorption test, the leak rate≤5×10^{-9} Pa·m^3/s;

Performance Advantages

Low thermal expansion coefficient;
Good thermal conductivity;
Good tightness to protect the electronic devices from high temperatures, high humidity, corrosion, radiation and other harmful environmental impact;
Good strength and stiffness to support and protect the chips;
Good properties in forming and welding to process into a variety of complex shapes;
Light weight,suitable for field of aerospace and other portable electronic devices requiring high density of electronic packaging materials;

Physical Properties Of High Si/Ai Alloy(SAXX)

Model	Density< (g/cm^3)	Air Tightness< (P • m^3/s)	Thermal Conductivity > (W/m • K)	Thermal Expansion Coefficient(±)ppm/K
SA22	2.65	5.0x10^{-8}	165	18
SA27	2.6	5.0x10^{-8}	155	17
SA42	2.55	5.0x10^{-8}	145	13
SA50	2.5	5.0x10^{-8}	125	11

This product is widely used in the field of electronics, aerospace, aviation, ships and so on. The key indicators such as expansion coefficient, thermal conductivity, density can be made according to customer requirements. Good packaging materials, modem electronic packaging requrements, advanced IC performance can be realized by us.

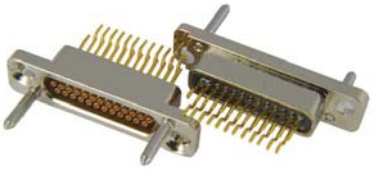
Mechanical properties of high Si/Ai alloy(SAXX)

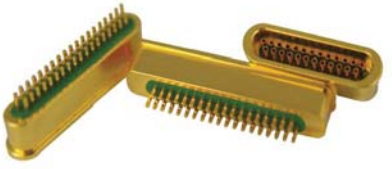
Model	Yield Strength(Mpa)	Fracture Strength(Mpa)	Elastic Modulus(Gpa)
50%Si/Ai	175	210	85
42%Si/Ai	175	200	85
27%Si/Ai	145	200	100
22%Si/Ai	115	160	115

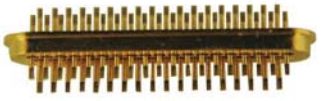
Our company has great competitive advantages over glass sintering techniques of SMP and SSMA coaxial connector,J30J micro rectangular connector by virtue of advanced technical equipment, skilled process operations, and strict technical management. Our products famed by high yield and good sealing are widely used in high reliable gas-tight interconnection of electronic equipment. The company will have further cooperation with renowned corporations both at home and abroad. enhance its comprehensive strengths, and provide more qualified service to a larger group of customers with latest technology and better quality.

High frequency connectors

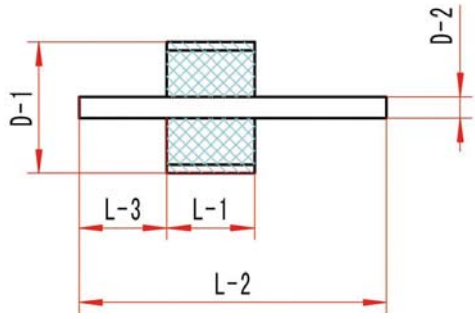
Low frequency connector







Glass feedthrough, also known as bead, is made of sintered glass powder with the inner and outer conductors. It not only has good electrical properties, but also has good air tigtness and thermal matching performance, widely used in the packaging field of microwave devices.



1.Plating: MIL-G-45204
2.Seal: According to customer requirement
3.Pin According to customer requirement

Model Number	D-1	D-2	L-1	L-2	L-3	Notes
ANO DC1204-01	1.2	0.45	1.6	8	2.8	
ANO DC1604-01	1.6	0.45	1.6	12	3.4	
ANO DC2005-01	2	0.5	1.6	12	4.6	
ANO DC2007-02	2	0.7	1.6	11	4.6	
ANO DC2007-01	2	0.7	1.6	17	5	
ANO DC2005-02	2	0.5	1.8	14	6.1	
ANO DC2006-01	2	0.6	2	9	4	
ANO DC2007-03	2	0.7	3	11	4.6	
ANO DC2507-01	2.5	0.7	1.6	11	4.6	
ANO DC2508-01	2.5	0.8	1.8	12.8	5	
ANO DC2508-02	2.5	0.8	1.8	27	15	
ANO DC2508-03	2.5	0.8	2	25	13	
ANO DC2507-02	2.5	0.7	3	11	4	
ANO DC2810-01	2.8	1	1.6	11	4.1	
ANO DC2810-02	2.8	1	1.6	16	4.5	
ANO DC2810-03	2.8	1	3	11.5	3	
ANO DC2810-04	2.8	1	3	16	6.5	
ANO DC3008-01	3	0.8	3	25	3	
Ground Trminal	2	0.7	1.6	17	5	

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