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MATERIAL & FINISH:

1. BODY: KOVAR, GOLD PLATED
2. CENTER CONTACT: KOVAR, GOLD PLATED
3. INSULATOR: CORNING 7070 OR EQUIVALENT

ENVIRONMENTAL DATA:

1. TEMPERATURE RANGE: -65°C~+165°C
2. 2011/65/EC (RoHS): COMPLIANT
3. HERMETIC SEAL: 10^{-8} ATM.CM³/S

ENVIRONMENTAL DATA:

1. TEMPERATURE RANGE: -65°C~+165°C
2. 2011/65/EU (RoHS): COMPLIANT

ELECTRICAL DATA:

1. IMPEDANCE: 50 Ω
2. FREQUENCY RANGE: DC~40 GHz
3. VSWR (TYP): ≤ 1.25 AT DC~18 GHz
≤ 1.35 AT 18~26.5 GHz
4. INSERTION LOSS: 0.04√F(GHZ) GB
5. DIELECTRIC WITHSTANDING VOLTAGE: 500V

MECHANICAL DATA:

1. CENTER CONTACT RETENTION:
AXIAL FORCE--MATING ENGD: 6.7 N MIN.
AXIAL FORCE--OPPOSITE ENGD: 6.7 N MIN.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/19/10	J. QU
B	SCHEDULE ADD	07/07/11	J. QU
C	TECHNICAL ADD	11/22/13	J. QU
D	1. 1.70 [.067] WAS 1.80 [.071] 2. 1.75 [.069] ADDED 3. SOLDER RING REMOVED	02/04/17	J. QU

Left view of the SMP male hermetic shroud. Dimensions include: 4.55 [.179] (total length), 1.70 [.067] (center contact length), 1.50 [.059] (center contact offset), 0.38 [.015 DIA.] (center contact diameter), 1.75 [.069] (bottom flange length), 0.38 [.015 DIA.] (bottom flange diameter), 0.250 [.098 DIA.] (top flange diameter), and 0.420 [.165 DIA.] (main body diameter). A radius is indicated at the center contact tip. The SMP interface is noted as PER MIL-STD-348. A box labeled 'R.P.' is present at the bottom.

Right view of the SMP male hermetic shroud. Dimensions include: 4.57±0.02 [.180±.0008] (total length), 3.17±0.02 [.125±.0008] (center contact length), 0.15±0.02 [.006±.0008] (center contact offset), 0.33±0.05 [.013±0.002] (center contact diameter), 0.89±0.02 [.035±.0008 DIA.] (center contact diameter), 0.200±0.05 [.079±.002 DIA.] (bottom flange diameter), 0.430±0.01 [.169±.0004 DIA.] (main body diameter), 0.349±0.06 [.138±.00236 DIA.] (inner diameter), and 0.260±0.01 [.1024±.0004 DIA.] (inner diameter). The bottom flange is labeled 'AS REQUIRED'.

RECOMMENDED MOUNTING HOLE

PART NO.	TYPE
ANO 9311-6010-1	FULL DETENT
ANO 9311-6010-2	LIMITED DETENT
ANO 9311-6010-3	SMOOTH BORE

DRAWN	X. B. YANG	DATE	02/04/17		
CHECKED	L. YANG	DATE	02/04/17		
APPROVED	J. QU	DATE	02/04/17		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:		THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ANOISON ELECTRONICS LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION COPYRIGHT © 2017 ANOISON ELECTRONICS LTD		TITLE	SMP MALE HERMETIC SHROUD, FULL SHROUD FULL BODY
.XX ±0.13 [.005"] .X ±0.20 [.008"] X ±0.50 [.019"] X° ±1° X° ±2°				VIEW	
				PART NO.	ANO 9311-6010
				SIZE	A3
				SCALE	10:1
				SHEET	1/1
				REV.	D

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