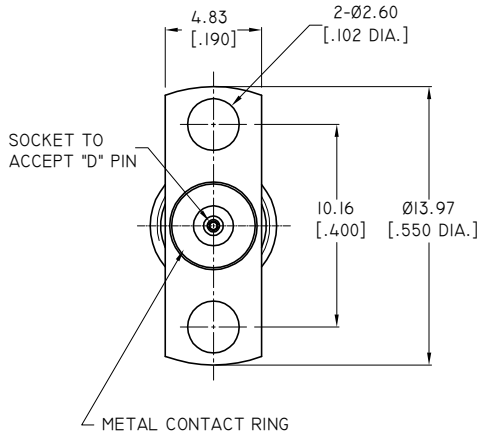
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/08/15	J. QU
B	DRAWING FORMAT CHANGED	07/27/17	J. QU
C	REMOVE " ROTATIONAL CAPTIVATION TORQUE: 4 INCH-OUNCES MIN."	07/09/24	J. QU

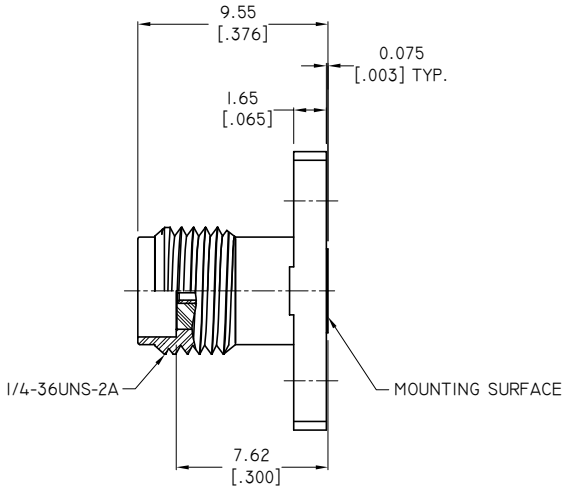
1.0 MATERIAL & FINISH
1.1 BODY: STAINLESS STEEL, PASSIVATED
1.2 CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATING
1.3 INSULATOR: PTFE
1.4 CAPTURE BEAD: ULTEM 1000

2.0 ENVIRONMENTAL DATA:
2.1 TEMPERATURE RANGE: -55℃~+165℃
2.2 2011/65/EU(RoHS): COMPLIANT

3.0 **ELECTRICAL SPECIFICATIONS:**
3.1 IMPEDANCE: 50 Ω
3.2 FREQUENCY RANGE: DC~27GHz
3.3 VSWR: ≤1.10 AT DC~18GHz
≤1.15 AT 18~27GHz
3.4 INSERTON LOSS: 0.035 √F (GHZ) DB MAX.
3.5 WORKING VOLTAGE: 335 VRMS MAX. AT SEA LEVEL
3.6 DIELECTRIC WITHSTAND VOLTAGE: 1000 VRMS MIN.
3.7 R.F. HIPOT VOLTAGE: 670 VRMS MIN. AT 5MHZ
3.8 CORONA LEVEL: 250 VRMS AT 70,000 FT
3.9 INSULATION RESISTANCE: 5000 MEGAOHMS MIN.
3.10 CONTACT RESISTANCE:
CENTER CONDUCTOR:
BEFORE ENVIRONMENTAL: 6.0 MILLIOHMS
AFTER ENVIRONMENTAL: 8.0 MILLIOHMS
OUTER CONDUCTOR:
BEFORE 2.0 MILLIOHMS

4.0 MECHANICAL:
4.1 MATING CHARACTERISITCS: SMA HIGH PERFORMANCE
4.2 FORCE TO ENGAGE: TORQUE: 2 INCH-POUNDS MAX.
4.3 CONNECTOR DURABILITY: 500 CYCLES MIN. AT 12 CYCLES/MINUTE MAX.
4.4 PERMEABILITY: LESS THAN 2.0 MU
4.5 CENTER CONTACT CAPTIVATION:
AXIAL FORCE FROM INTERFACE: 6 POUNDS MIN.





PART NO.	D	MAX. PIN DEPTH
ANO 2112-3337-1	Ø0.23 [.009 DIA.]	1.65 [.065]
ANO 2112-3337-2	Ø0.30 [.012 DIA.]	1.91 [.075]
ANO 2112-3337-3	Ø0.38 [.015 DIA.]	2.54 [.100]
ANO 2112-3337-4	Ø0.46 [.018 DIA.]	2.54 [.100]
ANO 2112-3337-5	Ø0.51 [.020 DIA.]	2.54 [.100]

DRAWN	P. CHEN	DATE 07/09/24
CHECKED	L. YANG	DATE 07/09/24
APPROVED	J. QU	DATE 07/09/24

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS, DIMENSIONS IN [ ] ARE IN INCHES FOR CUSTOMER REFERENCE ONLY UNLESS OTHERWISE SPECIFIED TOLERANCE ARE:

.XX	±0.13 [.005"]
.X	±0.20 [.008"]
X	±0.50 [.019"]
.X°	±1°
X°	±2°

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...we create connection for technologies

TITLE
SMA FEMALE, HIGH PERFORMACE, 2 HOLE
.550 LONG FLANGE MOUNT, FIELD REPLACEABLE

VIEW

PART NO. ANO 2112-3337

SIZE	SCALE	SHEET	REV.
A3	4:1	1/1	C