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MATERIAL & FINISH

- 1 BODY: BRASS, ALBALOY PLATED
- 2 OUTER CONTACT: PHOSPHOR BRONZE, SILVER PLATED
- 3 CENTER CONTACT: PHOSPHOR BRONZE, SILVER PLATED
- 4 INSULATOR: PTFE
- 5 COUPLING NUT: BRASS, ALBALOY PLATED
- 6 GASKET: SILICONE

ENVIRONMENTAL DATA:

- 1 TEMPERATURE RANGE: -55°C~+125°C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1999/45/EC(REACH): COMPLIANT

MECHANICAL DATA:

- 1 MATING CYCLES: ≥100
- 2 RECOMMENDED TORQUE: 1.5 NM (M10(NEX10) SIDE)

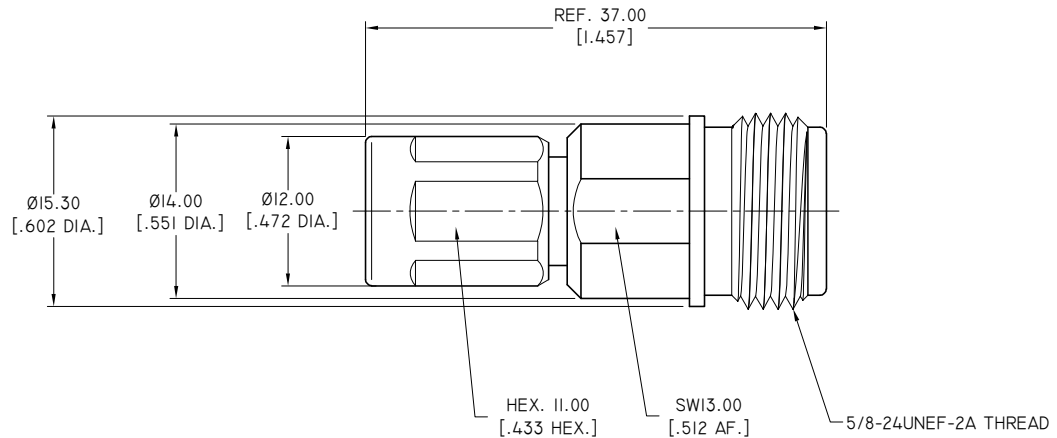
ELECTRICAL DATA:

- 1 IMPEDANCE: 50 OHMS
- 2 FREQUENCY RANGE: DC~11 GHZ
- 3 VSWR: 1.05 MAX. AT DC~6 GHZ
1.10 MAX. AT 6 GHZ~10 GHZ
- 4 INSERTION LOSS: ≤ 0.05 x √F(GHZ) DB
- 5 INSULATION RESISTANCE: ≥ 5GΩ
- 6 CENTER CONTACT RESISTANCE: ≤2.0 MΩ, NEX10 SIDE ≤1.0 MΩ, N SIDE
- 7 OUTER CONTACT RESISTANCE: ≤1.0 MΩ, NEX10 SIDE ≤0.25 MΩ, N SIDE
- 8 INTERMODULATION(3RD ORDER): ≥ 160 DBC (2X43 DBM) AT 0.4~6.0 GHZ
- 9 TEST VOLTAGE: 500V RMS
- 10 RF-LEAKAGE: ≥110 DB AT DC TO 6GHZ
- 11 POWER HANDLING: 100W AT 2.0 GHZ AND 85°C AMBIENT TEMPERATURE

APPLICABLE STANDARDS:

- 1 NEX10 INTERFACE ACCORDING TO: TBD
- 2 N INTERFACE ACCORDING TO: IEC61169-16

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/20/17	J. QU
B	1. DRAWING FORMAT CHANGED 2. 2015/863/(RoHS): COMPLIANT ADDED 3. 1999/45/EC(REACH): COMPLIANT ADDED	11/08/18	J. QU
C	INTERMODULATION(3 RD ORDER) CHANGED	12/02/21	J. QU



DRAWN	W. YANG	DATE	12/02/18		
CHECKED	X. B. YANG	DATE	12/02/18		
APPROVED	J. QU	DATE	12/02/18		
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<small>.XX ±0.08 [.003"] .X ±0.20 [.008"] X ±0.50 [.019"] .X° ±1° X° ±2°</small>				PART NO. ANO 741-512-1420	
VIEW		SIZE	SCALE	SHEET	REV.
		A3	2.5:1	1/1	C

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