

**MATERIAL & FINISH:**

- 1 BODY: BRASS, NICKEL PLATED
- 2 CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED
- 3 COUPLING NUT: BRASS, NICKEL PLATED
- 4 INSULATOR: PTFE
- 5 GASKET: SILICONE RUBBER

**ENVIRONMENTAL DATA:**

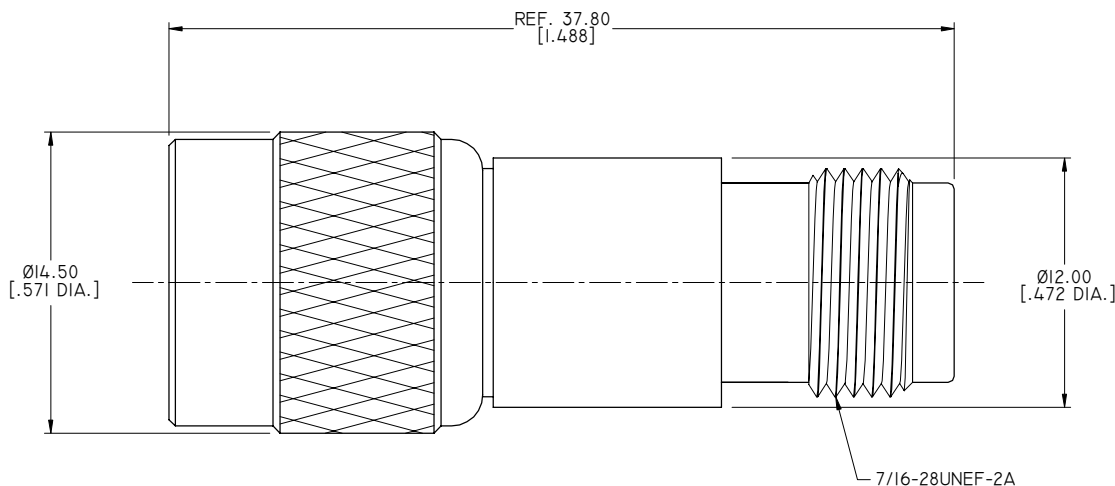
- 1 TEMPERATURE RANGE: -55 °C~+125 °C
- 2 2011/65/EU(RoHS) AND 2015/863/(RoHS): COMPLIANT
- 3 1907/2006/EC(REACH): COMPLIANT

**ELECTRICAL DATA:**

- 1 IMPEDANCE: 50 Ω
- 2 FREQUENCY RANGE: DC~8 GHZ
- 3 VSWR: 1.25 MAX. AT DC~3 GHZ  
1.45 MAX. AT 3~6 GHZ  
1.55 MAX. AT 6~8 GHZ
- 4 INSERTION LOSS: 0.3 DB MAX. AT DC~3 GHZ  
0.85 DB MAX. AT 3~6 GHZ  
1.0 DB MAX. AT 6~8 GHZ
- 5 WORKING VOLTAGE: 50 VOLTS

**REVISIONS**

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/29/19	J. QU
B	VSWR AND INSERTION LOSS CHANGED	03/05/21	J. QU



DRAWN	X. B. YANG	DATE	03/05/21
CHECKED	W. YANG	DATE	03/05/21
APPROVED	J. QU	DATE	03/05/21
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.XX	±0.13 [.005"]		
.X	±0.20 [.008"]		
X	±0.50 [.019"]		
.X°	±1°		
X°	±2°		



TITLE  
DC BLOCK ON INNER CONDUCTOR TNC MALE TO TNC FEMALE OPERATING FROM 5 MHZ TO 8 GHZ

VIEW	PART NO. D33-A1		
	SIZE A3	SCALE 4:1	SHEET 1/1
			REV. B