

**MATERIAL & FINISH:**

- 1 BODY: SEE TABLE
- 2 CENTER CONTACT: SEE TABLE
- 3 INSULATOR: PTFE

**ENVIRONMENTAL DATA:**

- 1 TEMPERATURE RANGE: -40 °C ~ +125 °C
- 2 2011/65/EU (RoHS): COMPLIANT

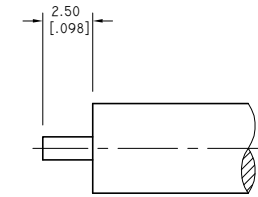
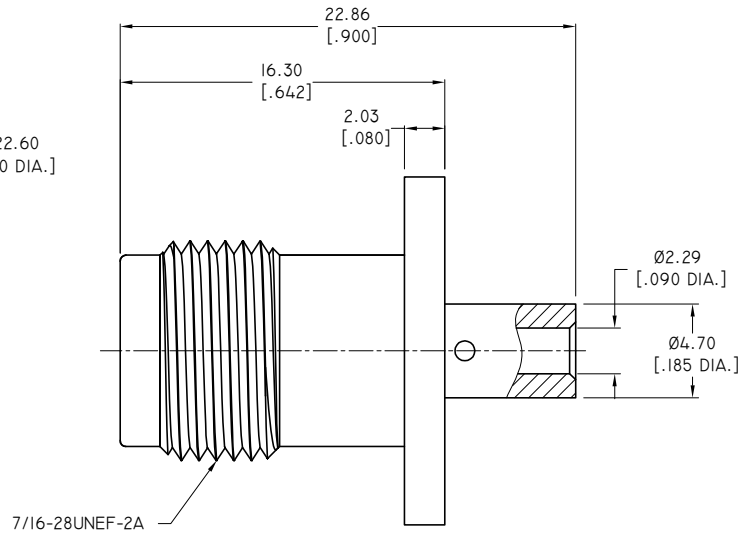
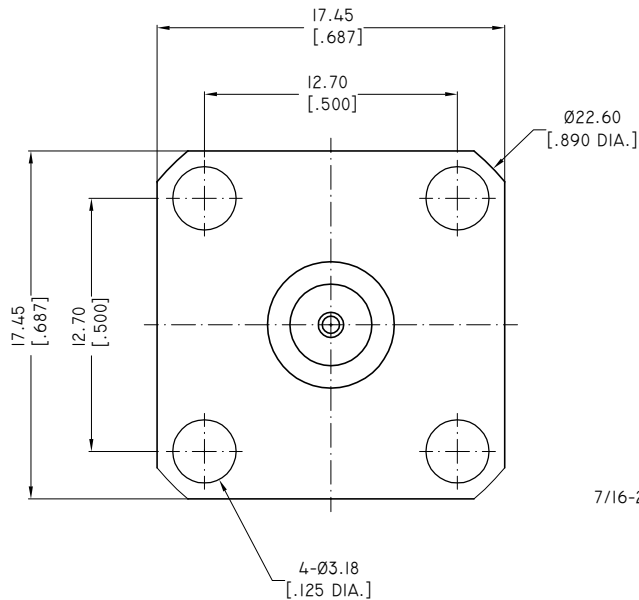
**ELECTRICAL DATA:**

- 1. IMPEDANCE: 50 Ω
- 2. FREQUENCY RANGE: DC-18 GHz
- 3. VSWR: ≤1.25 MAX. TO 15GHz  
≤1.35 MAX. TO 18GHz
- 4. INSERTION LOSS: 0.06X √F(GHz) dB MAX. @ 3GHz
- 5. WORKING VOLTAGE: 500 VRMS MAX. @ SEA LEVEL.
- 6. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN.
- 7. R.F. HIPOT VOLTAGE: 1000 VRMS MIN. @ 5MHz
- 8. CORONA LEVEL: 375 VRMS @ 70000 FT.
- 9. INSULATION RESISTANCE: 5000 MEGOHMS MIN.
- 10. R.F. LEAKAGE: -(90 - FGHz) DB MIN.
- 11. CONTACT RESISTANCE:  
CENTER CONDUCTOR:  
BEFORE ENVIRONMENT: 3.0 MILLIOHM MAX.  
AFTER ENVIRONMENT: 4.0 MILLIOHMS MAX.  
OUTER CONDUCTOR:  
BEFORE ENVIRONMENT: 2.0 MILLIOHM MAX.  
AFTER ENVIRONMENT: NA

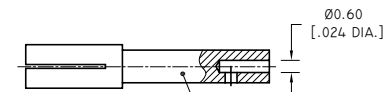
**MECHANICAL DATA:**

- 1. MATING CHARACTERISTICS:  
INTERFACE PER MIL-STD-348
- 2. FORCE TO ENGAGE @ DISENGAGE:  
TORQUE: 2 INCH-POUNDS MAX.  
LONGITUDINAL FORCE: NA.
- 3. CENTER CONTACT RETENTION:  
AXIAL FORCE: 6 POUNDS MIN.
- 4. CONNECTOR DURABILITY:  
500 CYCLES MIN @ 12 CYCLES/MINUTE MAX.
- 5. PERMEABILITY: LESS THAN 2.0 MU.
- 6. CENTER CONDUCTOR CAPTIVATION:  
AXIAL: 6 LBS MIN @ FRONT END;  
3 LBS MAX @ REAR END.  
RADIAL: 4 INCH OUNCES MAX.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/17/18	J. Q
B	ADDED P/N	02/01/23	J. Q



CABLE STRIPPING DIMENSIONS



CENTER CONTACT

PART NO.	MATERIAL & FINISH	
	BODY	CENTER CONTACT
ANO 3012-2014	STAINLESS STEEL, NICKEL 2 μm /GOLD 0.1 μm PLATED	BERYLLIUM COPPER ALLOY, NICKEL 2 μm /GOLD 1.25 μm PLATED
ANO 3012-2014-1	BRASS, ALBALOY PLATED	BERYLLIUM COPPER ALLOY, GOLD PLATED

DRAWN	P. C	DATE	02/01/23
CHECKED	X. Y	DATE	02/01/23
APPROVED	J. Q	DATE	02/01/23
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 © 2023 ANOISON ELECTRONICS LTD	
.XX	±0.13 [0.005"]		
.X	±0.20 [0.008"]		
X	±0.50 [0.019"]		
.X°	±1°		
X°	±2°		



TITLE			
TNCA STRAIGHT FEMALE FLANGE 4-HOLE, SOLDER FOR .086 CABLE			
VIEW	PART NO.		
	ANO 3012-2014		
SIZE	SCALE	SHEET	REV.
A3	4:1	1/1	B