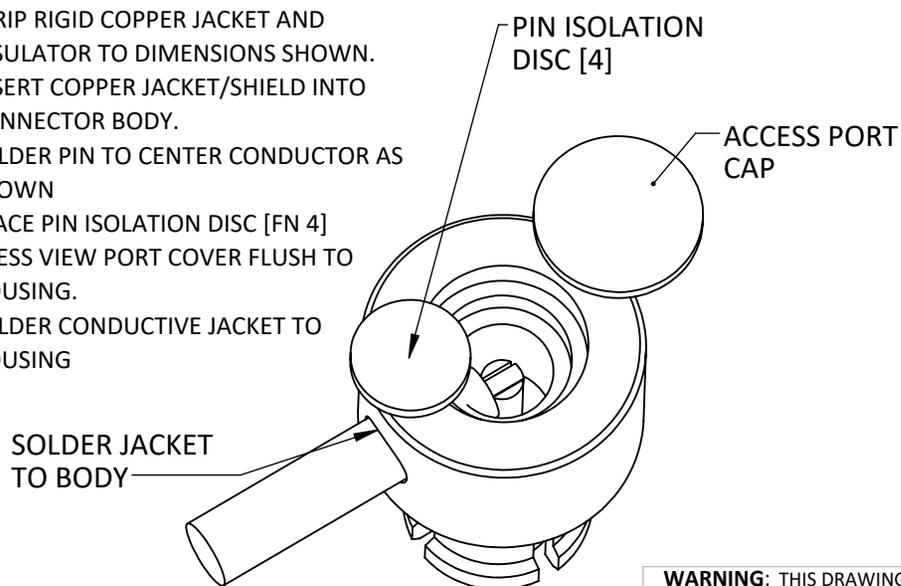
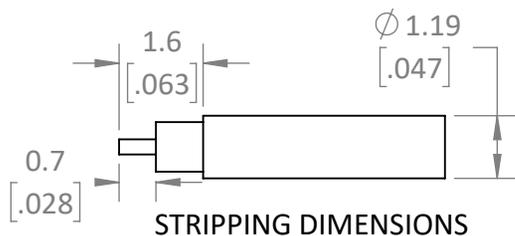


INSTALLATION

1. STRIP RIGID COPPER JACKET AND INSULATOR TO DIMENSIONS SHOWN.
2. INSERT COPPER JACKET/SHIELD INTO CONNECTOR BODY.
3. SOLDER PIN TO CENTER CONDUCTOR AS SHOWN
4. PLACE PIN ISOLATION DISC [FN 4]
5. PRESS VIEW PORT COVER FLUSH TO HOUSING.
6. SOLDER CONDUCTIVE JACKET TO HOUSING



SOLDERING VIEW 8:1



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 7/13/21	

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS [IN].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. INTERFACE MFG IAW MIL-STD-348 B
5. ALL UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT CURRENT REVISION
6. DURABILITY: 500 CYCLES
7. OPERATING TEMP: -65°C - +165°C
8. IMPEDANCE: 50Ω
9. FREQUENCY RANGE: 0-26.5GHz
10. VSWR: 1.2 [10GHz] 1.4 [18GHz]
11. CONTACT RESISTANCE: 6mΩ [CENTER] 2mΩ [OUTER]
12. DIELECTRIC: 500Vrms
13. INSERTION LOSS: NTE .075 x √f (GHz)
14. INTENDED FOR USE WITH .047thk. SEMI-RIGID CABLE.

5	SOLDER PORT CAP GLD/BRS, PIP
4	INSULATOR, Ø1.7x.5 PTFE, SOLDER PROTECT, NAT
3	CONTACT, SMP, FEM, SOLDER, GLD/BeCu
2	INSULATOR, PTFE, PIN SUPPORT, NAT
1	CONNECTOR BODY, SMP, CABLED, .047 GLD/BRS,
ITEM	DESCRIPTION

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MATERIAL:	BRASS BeCu	FINISH: GOLD	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. X ±2.0 .XX ±1.00 .XXX ±.500	PROJECTION: ANGLES: ±1° SURFACE: √	DT: 3/11/21
DRAWN: JHAGER		ENGR: SHAWNH		DT: 3/11/21	



159 ORT LANE
MERLIN, OR 97532

TITLE: SMP CONNECTOR JACK RA IN-LINE .047 COAX SOLDER		
SIZE A	DWG. NO. C-CONSMP005-G	REV A
SCALE: 7:1	DO NOT SCALE DRAWING	SHEET 1 OF 1