

NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, WHITE BRONZE PLATING
 CONTACT - BeCu, SILVER PLATING
 INSULATORS - PTFE, NATURAL
 O-RING - SILICONE RUBBER, RED
 OUTER CONTACT - PHOSPHOR BRONZE, WHITE BRONZE PLATING

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 20 GHz
 C. VSWR(RETURN LOSS): 33 dB @ DC - 4 GHz
 30 dB @ 4 - 6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
 E. INSULATION RESISTANCE: 3000MΩ MIN.
 F. INTERMODULATION 3rd ORDER: -166 dBc @2X20W

3. MECHANICAL:
 A. DURABILITY: 100 CYCLES MIN.
 B. TEMPERATURE RANGE: -65° C TO +165° C

4. SHOWS CABLE ENTRY DIMENSIONS

5. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 225-102J-52S & DATE CODE"

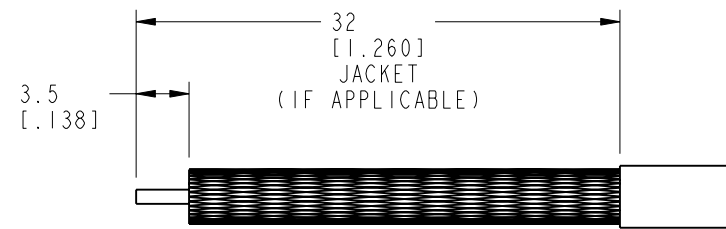
CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
 B. INSERT TRIMMED CABLE THROUGH BACK OF CONNECTOR AND PAST INTERFACE END.
 C. SLIDE INSULATOR DISC ONTO CABLE.
 D. USING ROHS COMPLIANT SOLDER, SOLDER CENTER CONTACT TO CENTER CONDUCTOR.
 E. PULL CABLE BACK THROUGH CONNECTOR AND PRESS CENTER CONTACT/INSULATOR ASSEMBLY UNTIL INSULATOR BOTTOMS AGAINST BODY.
 F. USING ROHS COMPLIANT SOLDER, SOLDER CABLE JACKET TO I.D. OF CONNECTOR BODY. MAKE SURE SOLDER FLOWS AROUND THE ENTIRE CIRCUMFERENCE OF THE CABLE MAKING A WATERTIGHT SEAL.

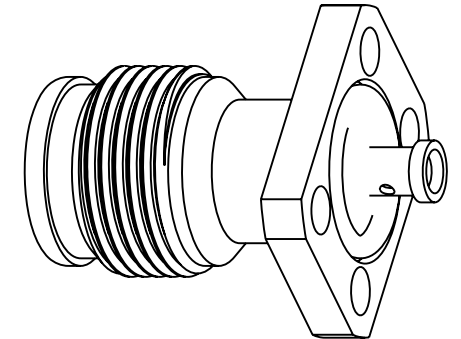
THIRD ANGLE PROJ.

REVISIONS

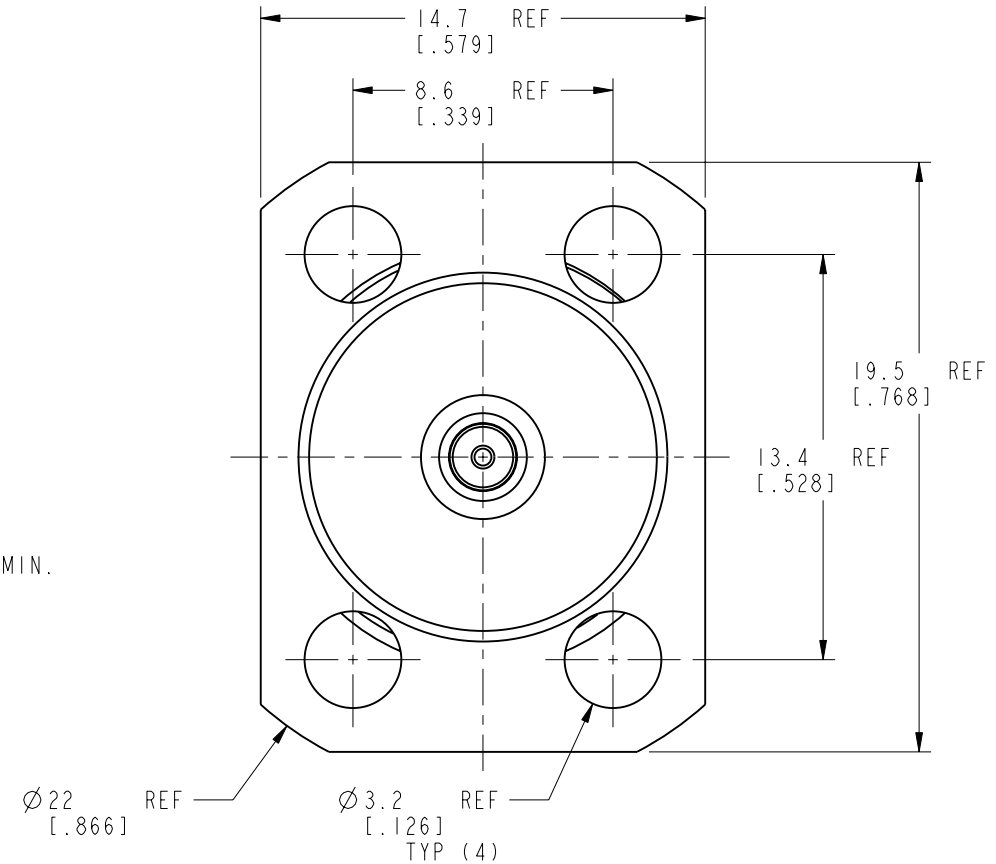
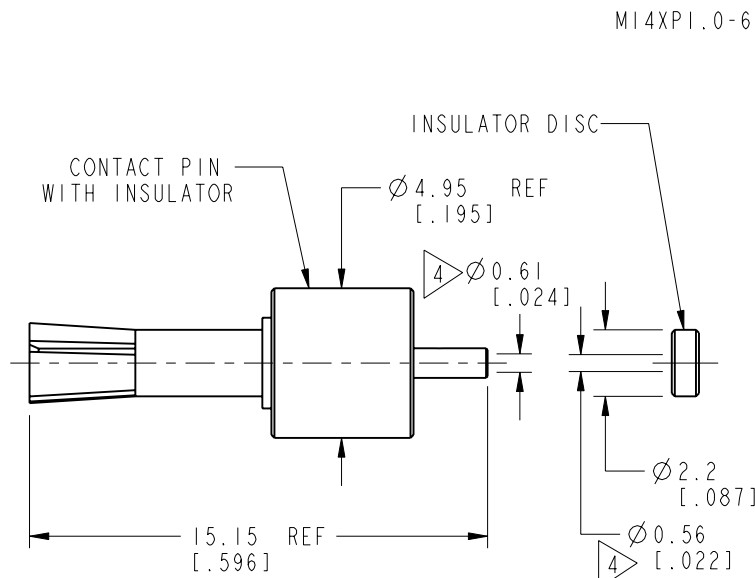
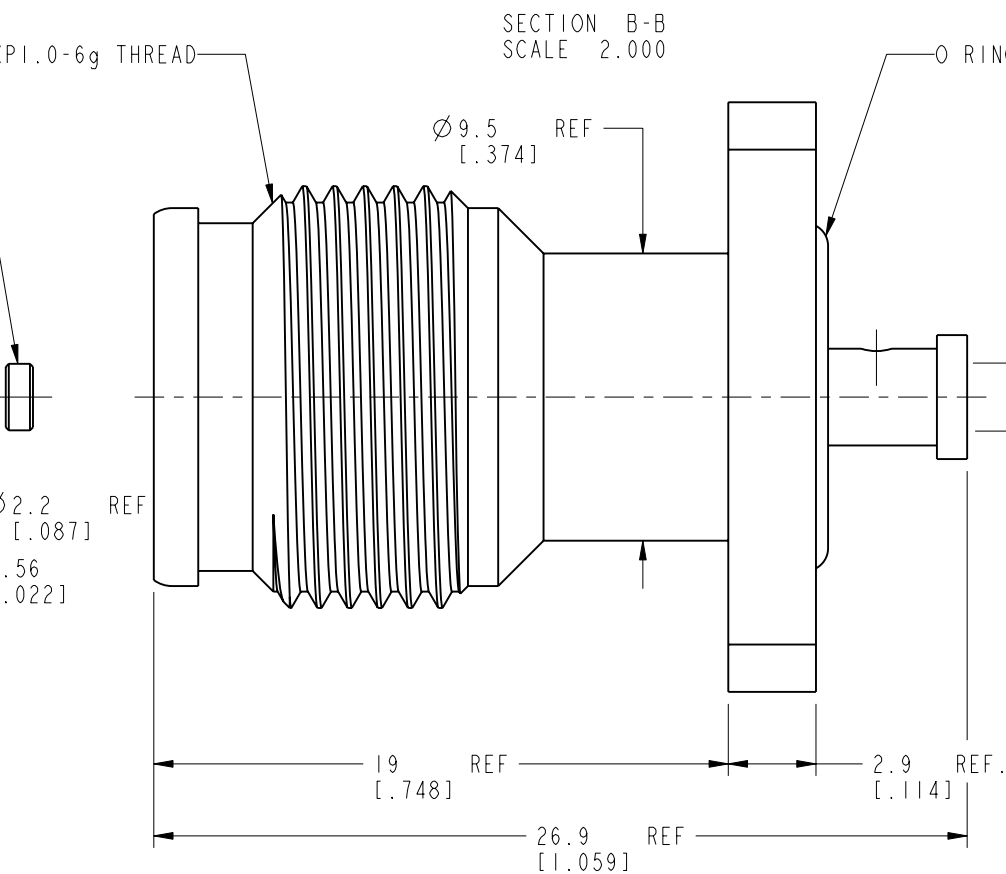
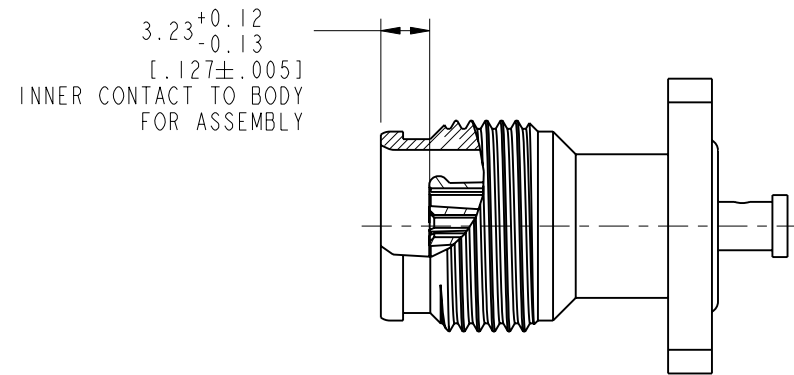
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	19-Jul-19	12429	SV



SCALE 2.000
 RECOMMENDED CABLE STRIPPING DIMS.



SCALE 2.000



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°	MATERIAL SEE NOTES	DRAWN M.ZHANG	DATE 31-Jul-19	TITLE 2.2-5 FLANGE JACK FOR RG-405 OR .085" SEMI-RIGID CABLE	Amphenol RF www.amphenolrf.com
	REFERENCE EAR# 8104 REF: ---	ENGINEER S.DUAN	DATE 8-Aug-19		
	CONFIGURATION LEVEL: In Work	APPROVED S.HSIEH	DATE 8-Aug-19	ITEM NO. 225-102J-52S	
	FINISH	CAD FILE	SCALE: 4.0:1.0	SHEET 2 OF 2	PART NO. 225-102J-52S
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