

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"

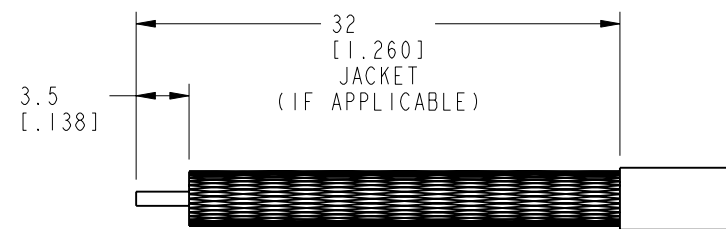
CABLE ASSEMBLY INSTRUCTIONS:

- 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.

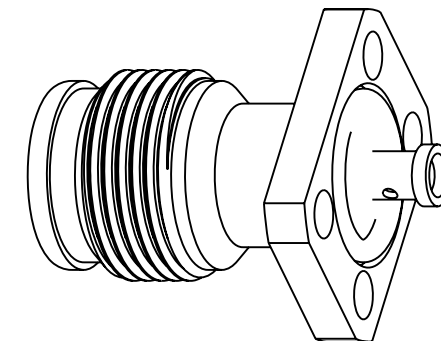
THIRD ANGLE PROJ.

REVISIONS

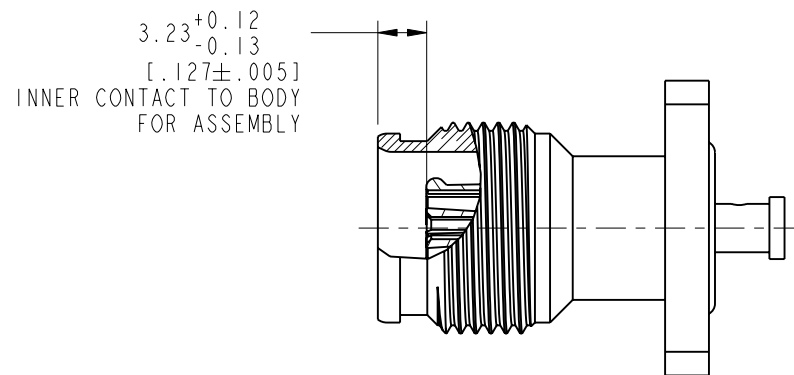
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	19-Jul-19	12429	SV



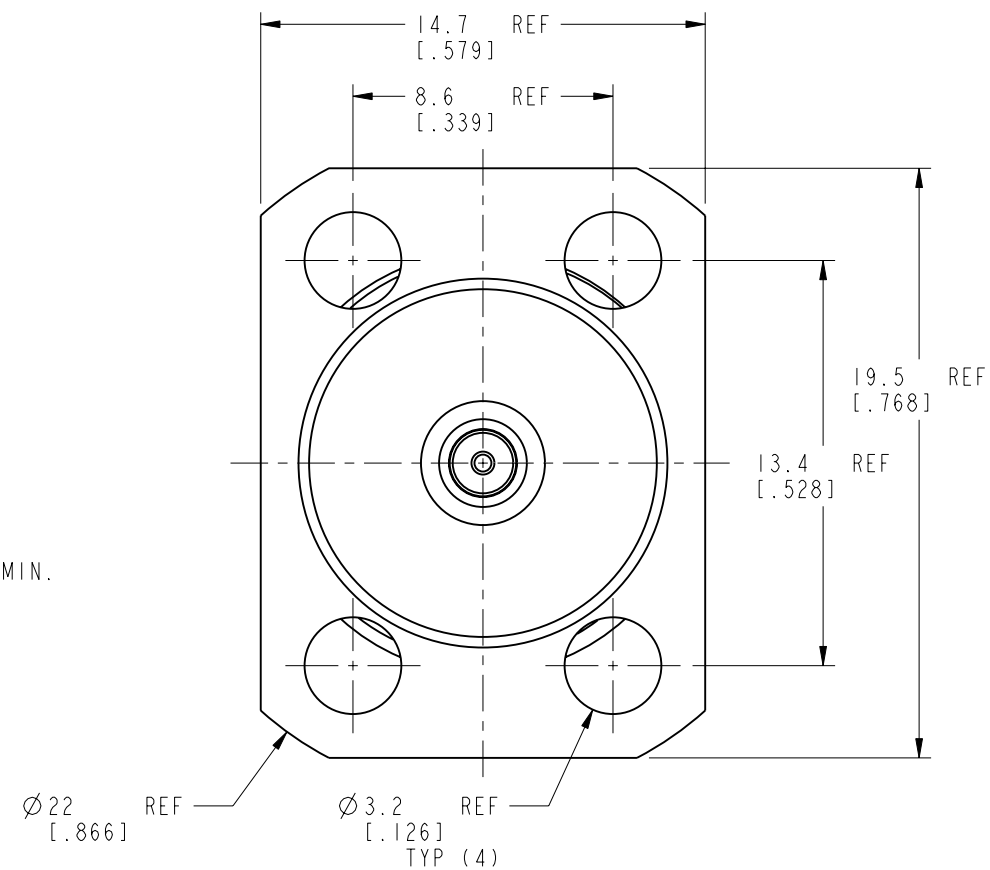
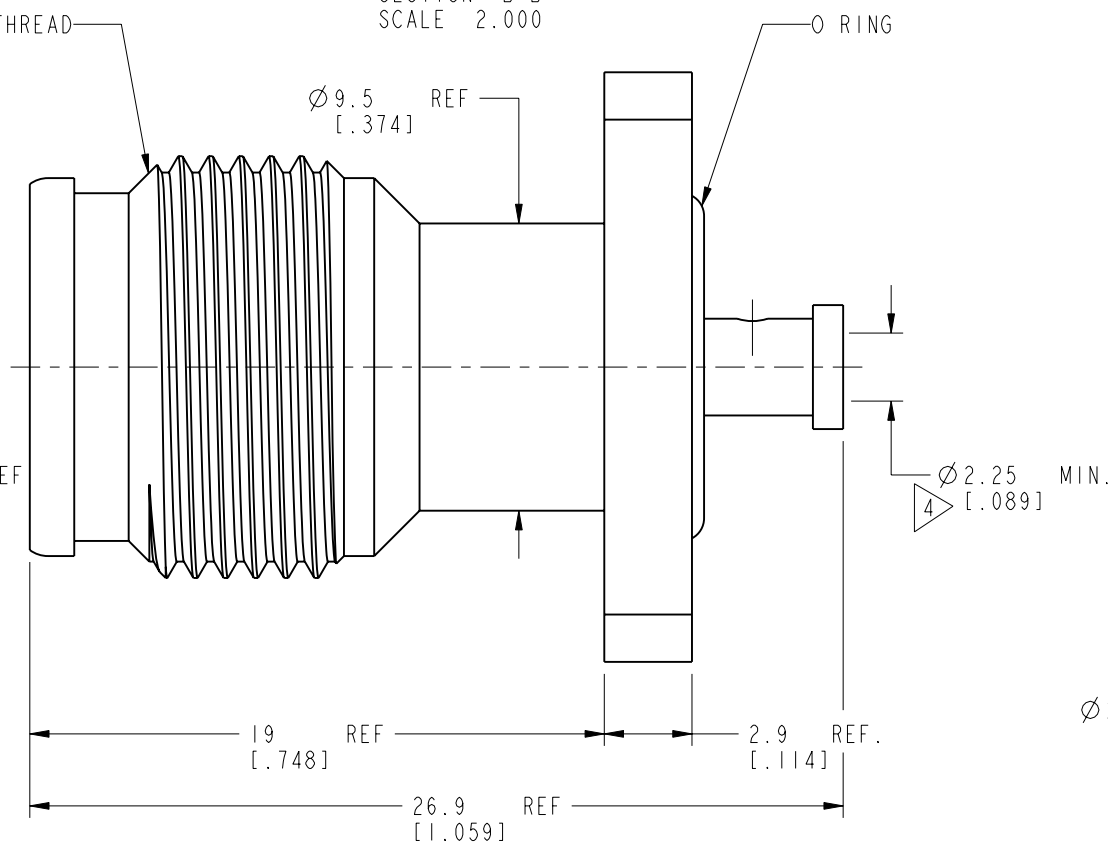
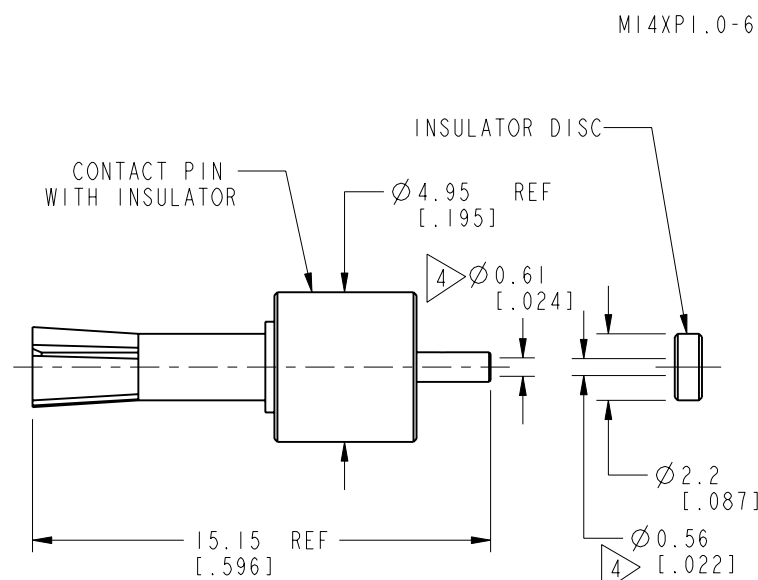
SCALE 2.000
**RECOMMENDED
 CABLE STRIPPING DIMS.**



SCALE 2.000



SECTION B-B
 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		
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	FINISH	CAD FILE	DWG SIZE B	REV A	ITEM NO. 225-102J-52S