

NOTES:

1. MATERIAL AND FINISH (PLATING THICKNESS IN MICRO-INCHES):

- BODY; SHELL - BRASS, NICKEL PLATING
- CONTACT PIN - BRASS, GOLD PLATING
- INSULATOR - PTFE, NATURAL
- INSULATOR DISC - ULTEM, NATURAL
- RETAINER RING - SUS 304, NATURAL
- GASKET - SILICONE RUBBER, RED
- FERRULE - COPPER, NICKEL PLATING
- HEAT SHRINK TUBING - POLYOLEFIN, BLACK

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: 0-12.4 GHz
- C. VSWR (RETURN LOSS): 1.10 (-26dB) DC-6 GHz
1.20 (-20dB) 6-12.4 GHz
- D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS. MIN.

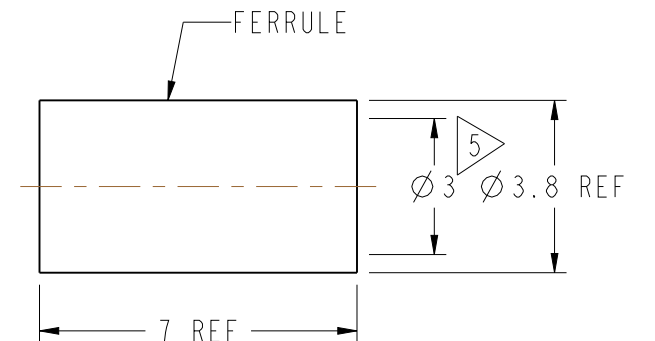
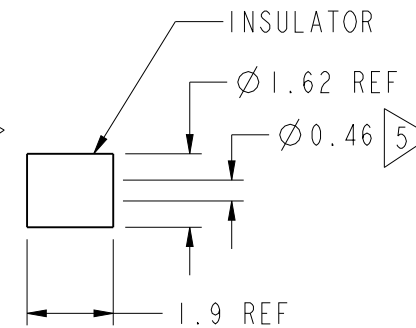
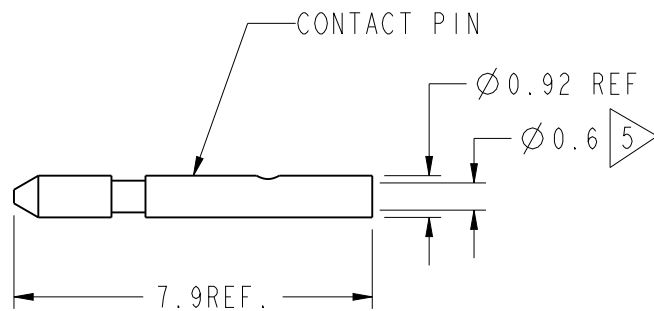
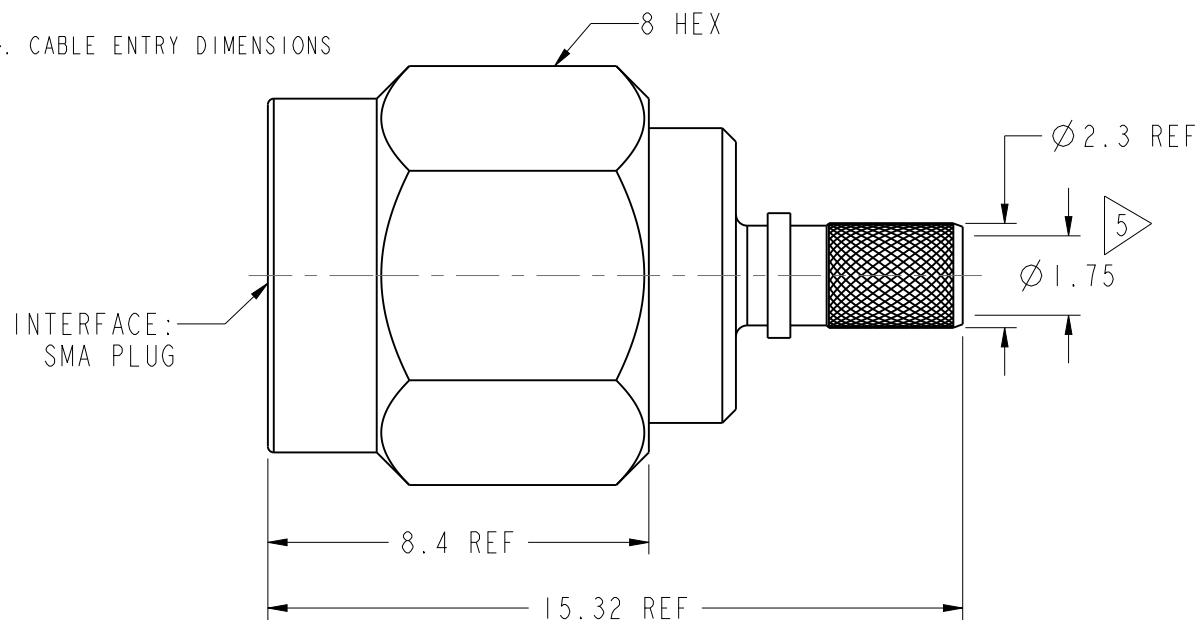
3. MECHANICAL:

- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -65°C TO +165°C

4. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN, TAKING CARE TO NOT DAMAGE THE FOIL.
- B. SLIDE INSULATOR DISC, FERRULE AND HEAT SHRINK TUBE ONTO CABLE
- C. SOLDER CONTACT TO CABLE CENTER CONDUCTOR
- D. INSERT CABLE AND CONTACT INTO CONNECTOR. FOIL IS A SLIP FIT INTO Ø1.75 BODY DIAMETER
- E. CRIMP FERRULE WITH .128 HEX

5. CABLE ENTRY DIMENSIONS



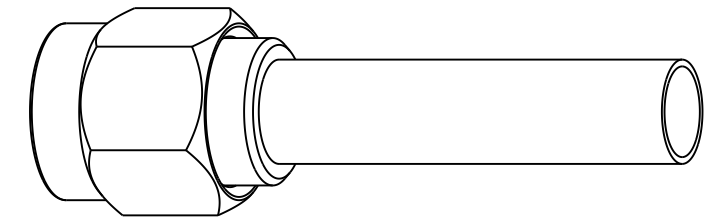
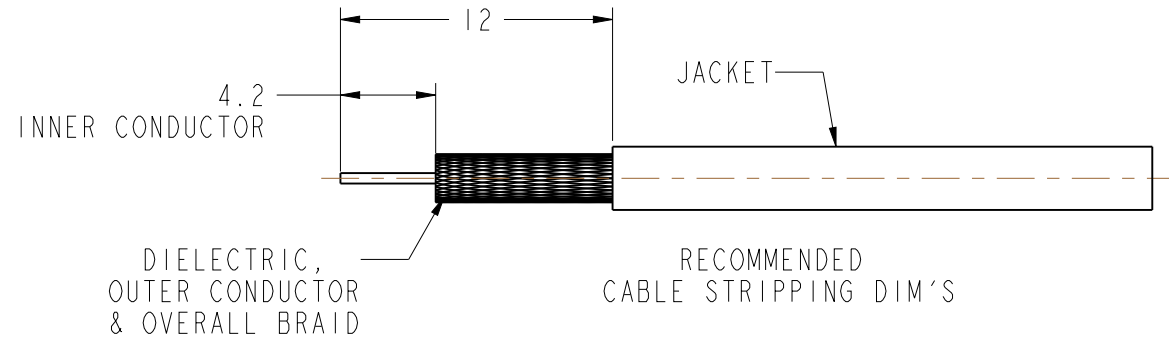
CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MANUFACTURING	07-May-19	11442	CJV



SCALE 3.000

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°

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MATERIAL SEE NOTES	DRAWN C. VIGORITO	DATE 03-Oct-18
REFERENCE EAR 7994	ENGINEER C. VIGORITO	DATE 03-Oct-18
CONFIGURATION LEVEL:	APPROVED K. CAPOZZI	DATE 07-May-19
FINISH	CAD FILE	

TITLE SMA CRIMP PLUG FOR LMR-100A CABLE	
SCALE: 6.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV A

Amphenol RF www.amphenolrf.com	
DRAWING NO.	901-10604
ITEM NO.	901-10604
PART NO.	901-10604