

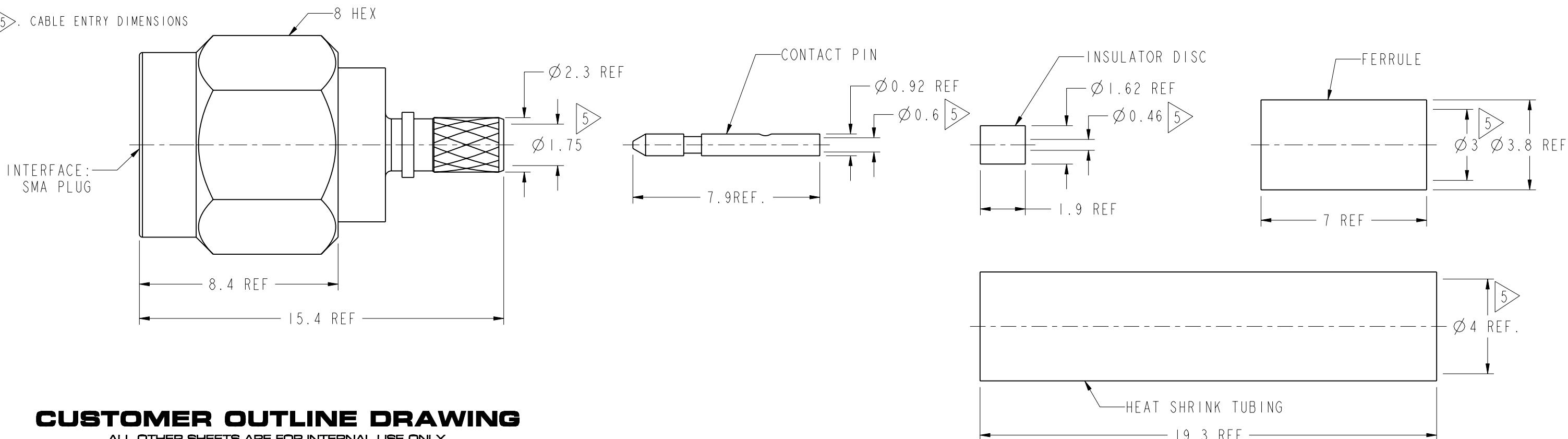
NOTES:
1. MATERIAL AND FINISH (PLATING THICKNESS IN MICRO-INCHES):
BODY; SHELL - BRASS, NICKEL PLATING
CONTACT PIN - BRASS, GOLD PLATING
INSULATOR - PTFE, NATURAL
INSULATOR DISC - ULTEM, NATURAL
RETAINER RING - SUS 304, NATURAL
GASKET - SILICONE RUBBER, RED
FERRULE - COPPER, NICKEL PLATING
HEAT SHRINK 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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
± 0.05mm ± 0.1mm ± 0.2mm ± 0.3mm ± 1°

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6. PACKING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 901-10604, DATE CODE"

THIRD ANGLE PROJ. ☺

REVISONS

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

MATERIAL SEE NOTES	DRAWN W.ZENG	DATE 8-May-19	TITLE SMA CRIMP PLUG FOR LMR-100A CABLE	Amphenol RF www.amphenolrf.com
	ENGINEER S.DUAN	DATE 17-May-19		
REFERENCE EAR 7994	APPROVED S.HSIEH	DATE 20-May-19	DRAWING NO. 901-10604	ITEM NO. 901-10604
	CONFIGURATION LEVEL: FINISH	CAD FILE	SCALE: 6.0:1.0 SHEET 2 OF 2	PART NO. 901-10604
		DWG SIZE B	REV A	