NOTES:

1. MATERIALS AND FINISHES:
   BODY & CONTACT - BeCu, GOLD PLATING
   BODY-REAR & CAP - BRASS, GOLD PLATING
   RETAINING RING - BeCu, NICKEL PLATING
   FERRULE - COPPER, NICKEL PLATING
   INSULATOR - PTFE, NATURAL
   INSULATOR DISC - PEEK, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 26.5 GHz.
   C. VSWR (RETURN LOSS): 1.22 MAX. (-20 dB MIN.) @ DC - 3 GHz
      1.43 MAX. (-15 dB MIN.) @ 3 - 12.4 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
      500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
      1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
   B. TEMPERATURE RANGE: -65°C TO 165°C
   C. MATING FORCES (PER DSCC #94007):

ENGAGEMENT:		DISENGAGEMENT:	
FULL DETENT:	15 LBS (67 N) MAX.	FULL DETENT:	5 LBS (22 N) MIN.
LIMITED DETENT:	10 LBS (45 N) MAX.	LIMITED DETENT:	2 LBS (9 N) MIN.
SMOOTH BORE:	2 LBS (9 N) MAX.	SMOOTH BORE:	0.5 LBS (2.2 N) MIN.

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, SMP-FR-C19 AND DATE CODE"

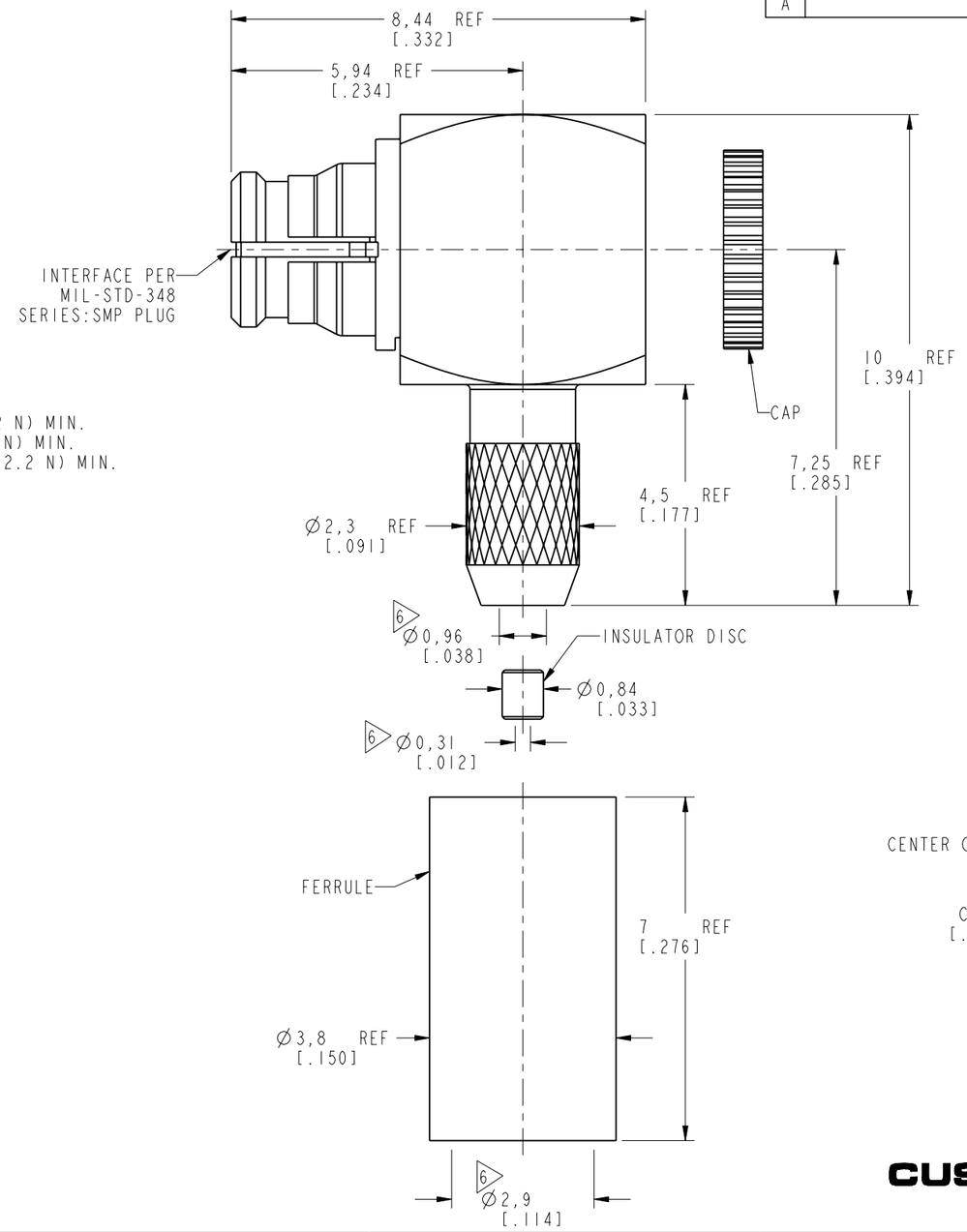
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
   C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
   D. CRIMP FERRULE OVER THE BRAID WITH .128" HEX.
   E. PRESS CAP FLUSH.

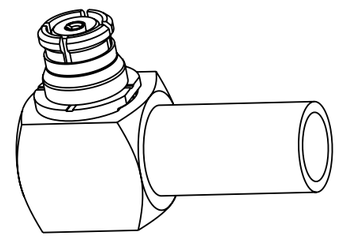
6 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

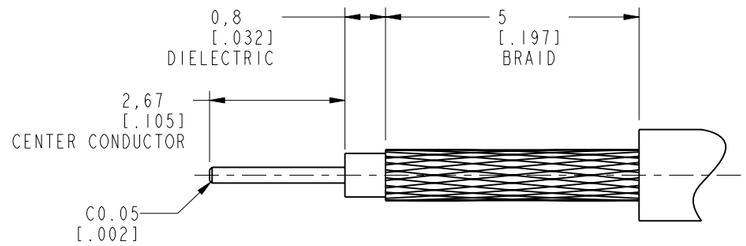
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Nov-18	09542	EH





SCALE 4.000



RECOMMENDED CABLE STRIPPING 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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MATERIAL SEE NOTES	DRAWN M.ZHANG	DATE 12-Nov-18	TITLE SMP RA PLUG WITH ROCK RING FOR RG 178 CABLE
	ENGINEER VIJI K	DATE 04-Dec-17	
REFERENCE EAR# 8025 AND SMP-FR-C08-1	APPROVED S.HSIEH	DATE 13-Nov-18	SCALE: 8.5:1.0 SHEET 2 OF 2
CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE B / REV A
FINISH			

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DRAWING NO. SMP-FR-C19
ITEM NO. SMP-FR-C19
PART NO. SMP-FR-C19