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

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

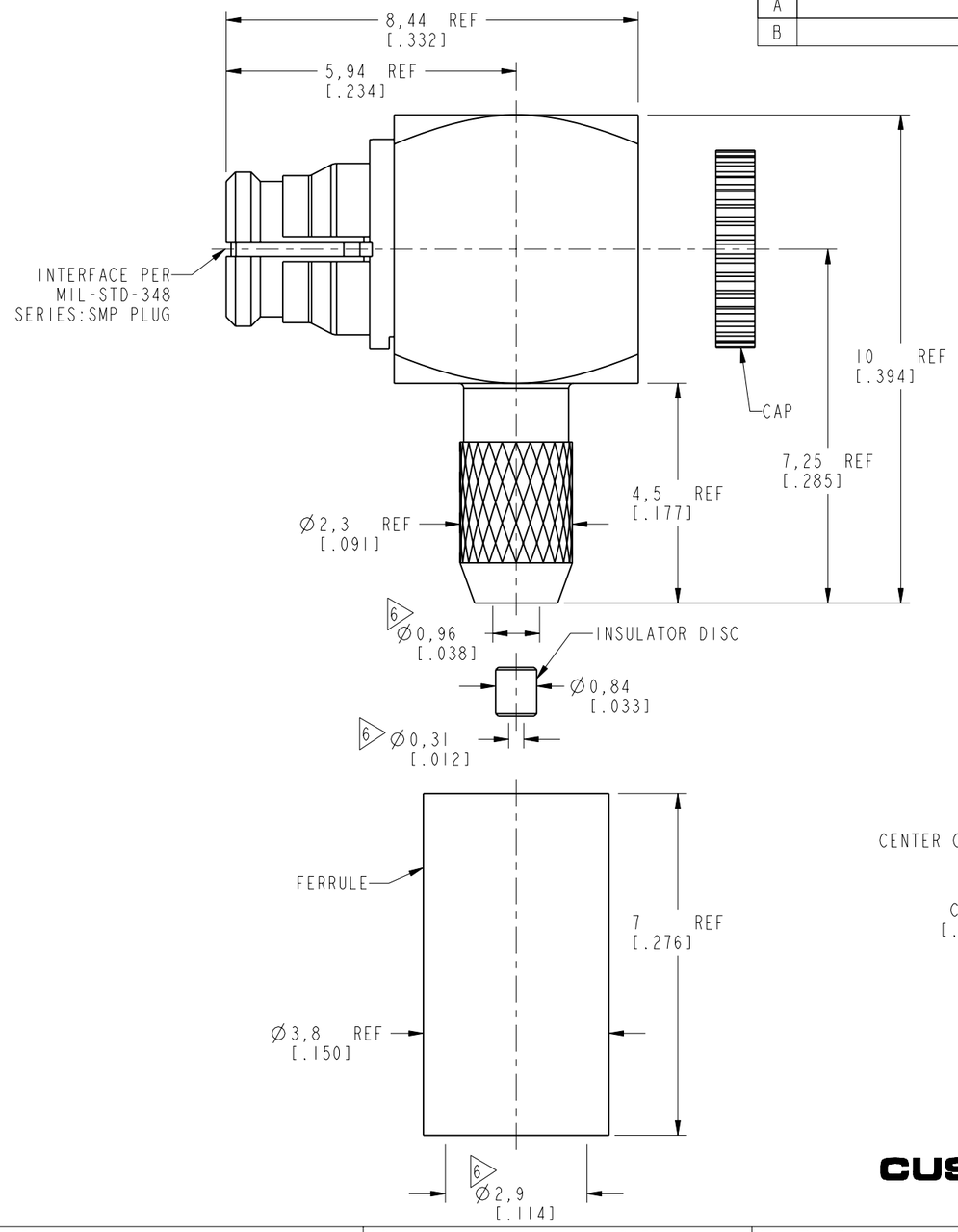
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
   C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
   D. CRIMP FERRULE OVER THE BRAID WITH .128" HEX.
   E. PRESS CAP FLUSH.

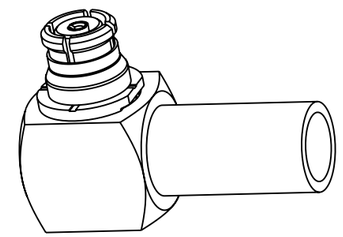
6 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

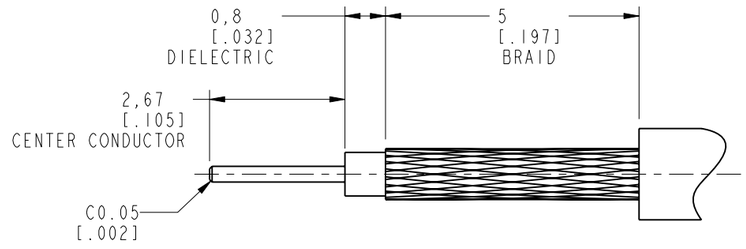
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Nov-18	09542	EH
B	UPDATED NOTE 3	07-May-19	11421	SH





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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL
SEE NOTES

REFERENCE
EAR# 8025 AND SMP-FR-C08-1

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	M.ZHANG	DATE 07-May-19
ENGINEER	VIJI K	DATE 04-Dec-17
APPROVED	S.HSIEH	DATE 07-May-19
CAD FILE		

TITLE
SMP RA PLUG WITH ROCK RING FOR RG 178 CABLE

SCALE: 8.5:1.0 | SHEET 2 OF 2

DWG SIZE B | REV B

Amphenol RF
www.amphenolrf.com

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Amphenol:

LD15P33E4GV00LF CD15S13E4RV09LF 54202-S08-07LF 68002116HLF 70218-1116LF 95157-140LF 86093968191755E3LF 86130202123355E1LF 863013A D15P13A6RV12LF LD25S33E4GV00LF 86093488314745V1LF 68001-108HLF 70234-112LF 86093967896755LF 86093968813H45V1LF 91614-403ALF DAPO15S365TLF DEM09P032N RJSBE5080C2 54202-G0805CLF RJE061661210 65781-158 68000-236HLF 68001-200HLF 70430-164LF 76384-316LF DCMF37P 67996-204HLF 69192-408HLF