

NOTES:

1. MATERIALS AND FINISHES:

BODY & COUPLING NUT - BRASS, BLACK CHROMATE OVER NICKEL
 CONTACT - BRASS, GOLD PLATING
 INSULATOR & INSULATOR DISC - PTFE, NATURAL
 RETAINING RING - SUS 304, NATURAL
 GASKET - SILICON RUBBER, RED
 FERRULE - COPPER, BLACK CHROMATE OVER NICKEL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR (RETURN LOSS) : 1.20 MAX. (-20.828 dB MIN.)
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

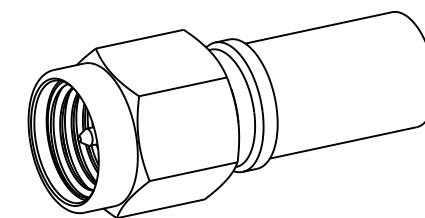
A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65° TO +165°C
 C. COSMETIC PARAMETERS OF PLATING PER AMPHENOL SPEC. 349-50966.

4. CABLE ASSEMBLY INSTRUCTIONS:

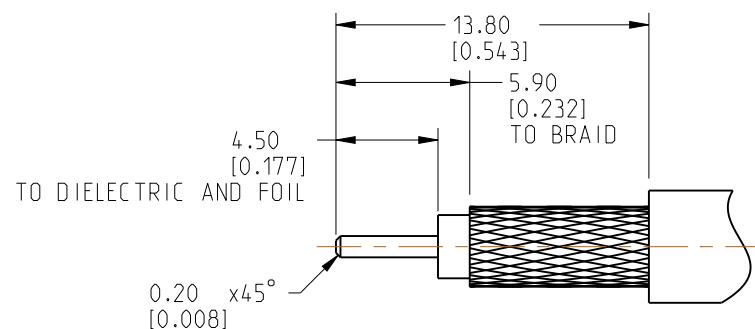
A. TRIM CABLE AS SHOWN.
 B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
 C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
 D. INSERT CABLE, UNTIL IT BOTTOMS WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 E. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.

5. SHOWS CABLE ENTRY DIMENSIONS.

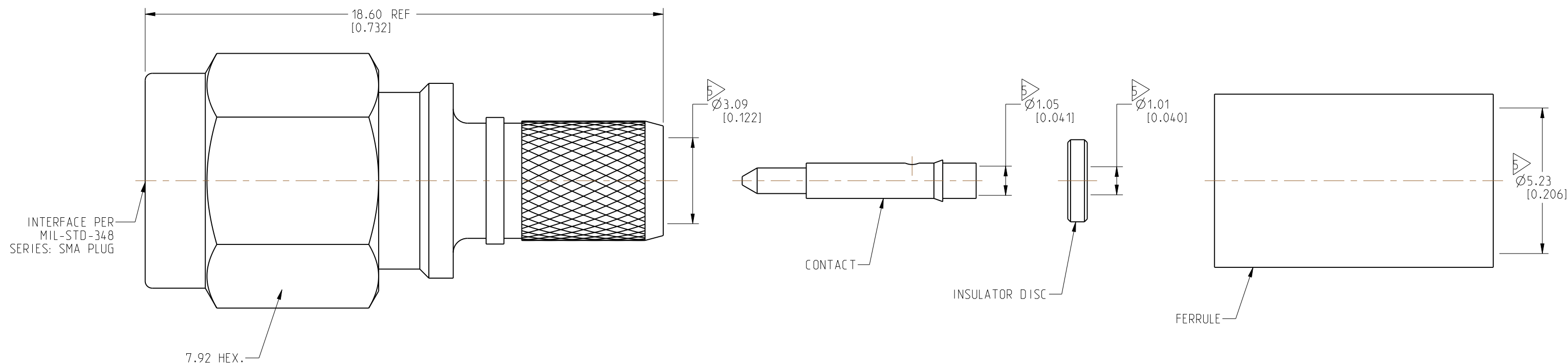
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	12-DEC-22	16500	SH



SCALE 2.500



RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:
 <0.5mm = ±0.05mm [$<0.020 = \pm 0.002$]
 0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]

MATERIAL: SEE NOTES
 ENGR.1: SIVA
 ENGR.2: JACK LIANG
 DATE: 24-AUG-22

TITLE: SMA STR PLUG FOR LMR/FBT 195 CABLE BLACK PLATED
 SHEET NO. 2 OF 2
 SCALE: 7.2:1.0

Amphenol RF
 DRAWING NO. SMA1111A1-030-BZNT5GP-50
 ITEM NO. 111111ADA157U5F
 PART NO. 132443-BC
 REV: A

THIRD ANGLE PROJ.

REFERENCE: EAR# 11380

ANGLES = ±1°