

NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 BULLET CONTACT - BRASS, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 SHELL - ZINC ALLOY, NICKEL PLATING
 GASKET - SILICONE RUBBER, RED
 FERRULE - BRASS, NICKEL PLATING
 HEAT SHRINK TUBING - POLYOLEFIN, BLACK
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR(RETURN LOSS): 1.25 MAX. @ DC-3 GHz
 1.35 MAX. @ 3-6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -40° C TO +85° C

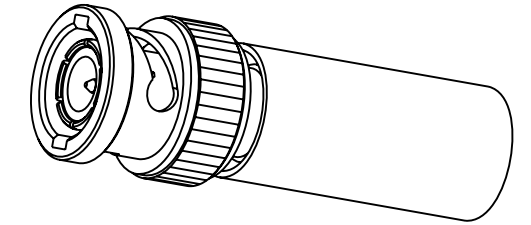
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 31-6925, DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.
 C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 E. CRIMP FERRULE OVER BRAID WITH .178" HEX DIE.
 F. APPLY HEAT SHRINK TUBING OVER FERRULE.
 G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

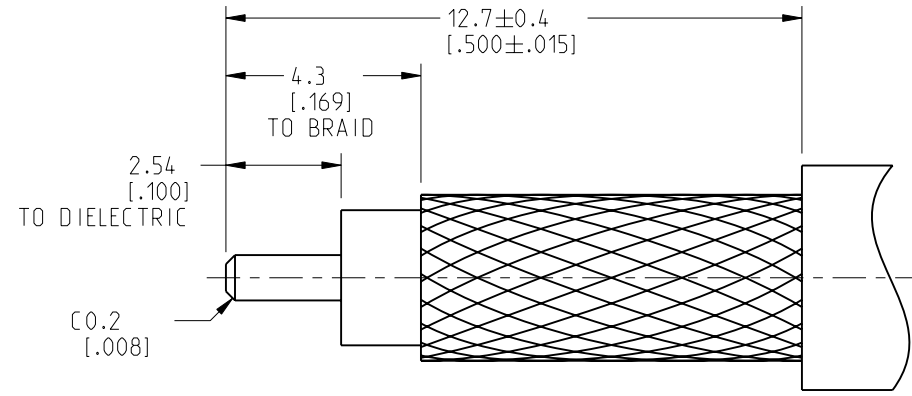
6. CONNECTOR RATED TO IP-67.

7. SHOWS CABLE ENTRY DIMENSIONS.

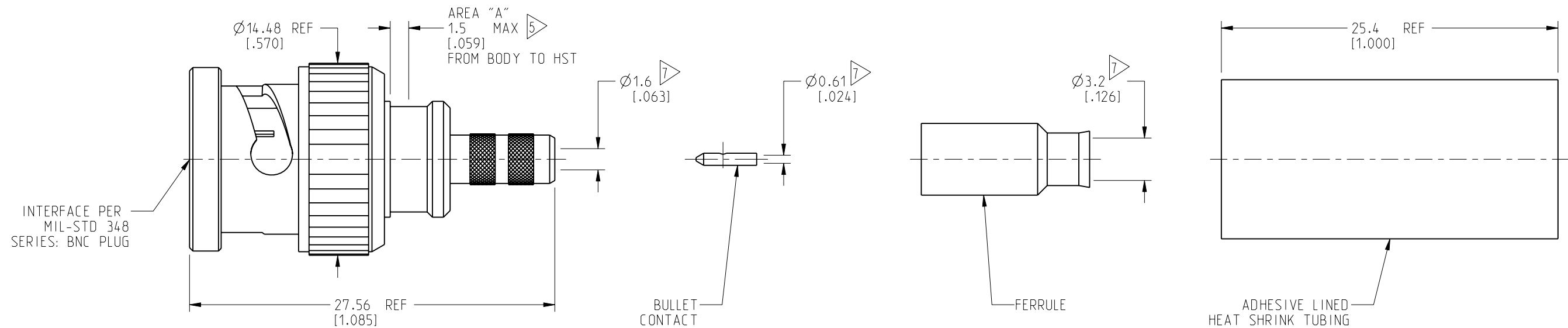
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	16-Dec-20	15433	SH



SCALE 1.500



**RECOMMENDED
CABLE STRIPPING DIM'S**



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 [$>1.181 - 4.725 = \pm 0.012$]
 ANGLES = ±1°

MATERIAL
 SEE NOTES
 ENGINEER
 WIKI
 DATE
 14-Dec-20

TITLE
 BNC STR PLUG
 IP67 FOR RG-316
 CABLE
 SHEET NO. 2 OF 2
 SCALE: 3.0:1.0

Amphenol RF
 SIZE B
 DRAWING NO. 31-6925
 ITEM NO. 31-6925
 PART NO. 31-6925
 REV
A

THIRD ANGLE PROJ.

REFERENCE 31-6613
 EAR# 10077

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