

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 - SEAMLESS COPPER, NICKEL PLATING
 HEAT SHRINK TUBING - POLYOLEFIN BLACK
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR(RETURN LOSS): 1.30 MAX. @ DC - 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, 31-6924, DATE CODE"

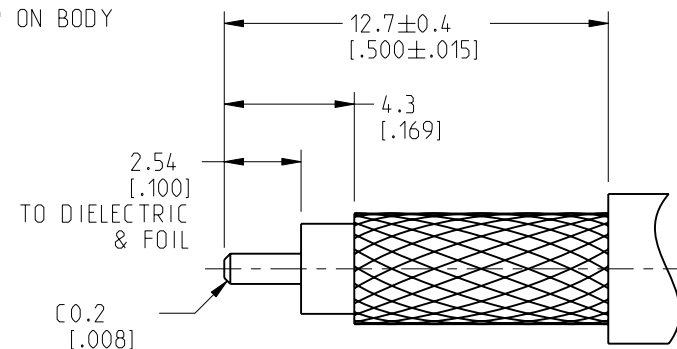
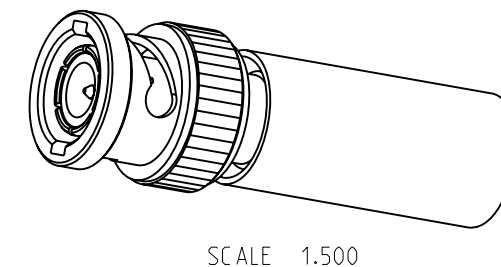
CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC 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 .216" 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"

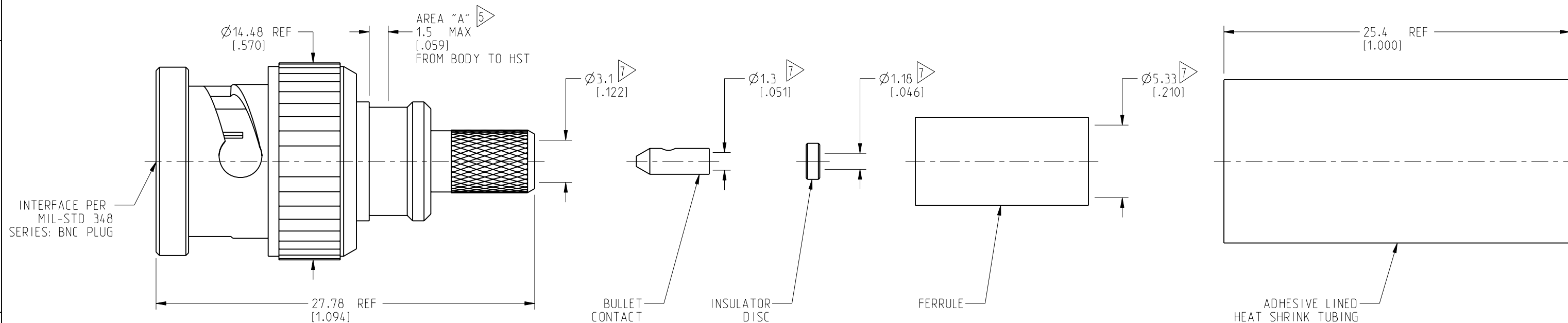
6. CONNECTOR RATED TO IP-67.

SHOWS CABLE ENTRY DIMENSIONS.

| REVISIONS | | | | |
|-----------|-----------------|-----------|-------|------|
| REV | DESCRIPTION | DATE | ECN | APPR |
| A | RELEASE TO MFG. | 16-Dec-20 | 15443 | SH |



RECOMMENDED CABLE STRIPPING DIM'S



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| | | | | | | | | | |
|--|--|--|--|-----------------------|--|--|--|--------------------|--|
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| THIRD ANGLE PROJ. | | REFERENCE 31-6614 | | EAR# 10077 | | ENGINEER WIKI | | DATE 14-Dec-20 | |
| SHEET NO. 2 OF 2 | | SCALE: 3.5:1.0 | | DRAWING NO. 31-6924 | | ITEM NO. 31-6924 | | PART NO. 31-6924 | |
| SIZE B | | REV A | | | | | | | |