

NOTES:

1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATING  
 CONTACT PIN - PHOSPHOR BRONZE, GOLD PLATING  
 INSULATORS - PTFE, NATURAL  
 LOCK RING - BRASS, NICKEL PLATING  
 FERRULE - BRASS, NICKEL PLATING

2. ELECTRICAL:  
 A. IMPEDANCE: 75 OHM  
 B. FREQUENCY RANGE: DC - 12 GHz  
 C. RETURN LOSS (VSWR): -20dB (1.2) DC-6GHz  
 -15dB (1.43) 6-12GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

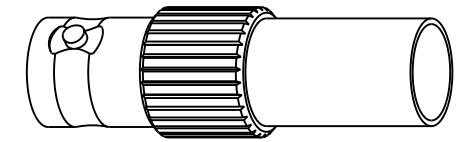
4. CABLE ASSEMBLY INSTRUCTIONS  
 A. TRIM CABLE AS SHOWN  
 B. SLIDE INSULATOR DISC ONTO CABLE CENTER CONDUCTOR  
 C. CRIMP CONTACT TO CABLE CENTER CONDUCTOR WITH A .068" HEX DIE  
 D. CRIMP FERRULE WITH .324" HEX DIE

5 SHOWS CABLE ENTRY DIMENSIONS

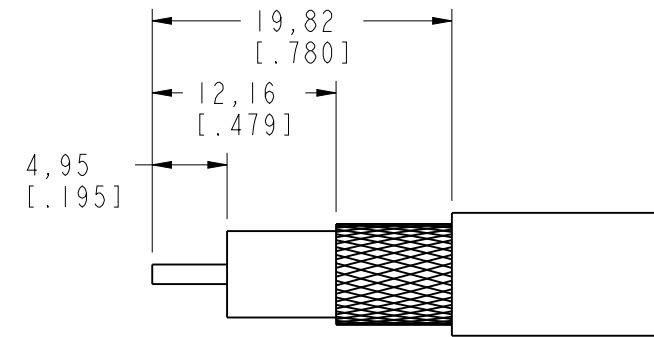
6. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. BAG TO BE MARKED: AMPHENOL RF  
 31-70553-12G  
 YYWW

THIRD ANGLE PROJ.

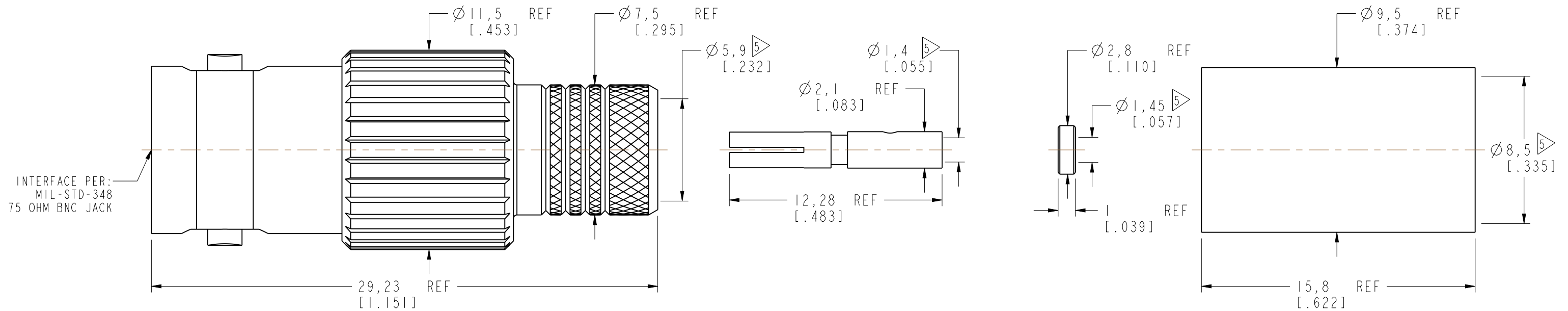
| REV |  | DESCRIPTION     | DATE      | ECN   | APPR |
|-----|--|-----------------|-----------|-------|------|
| A   |  | RELEASE TO MFG. | 24-Sep-18 | 09442 | SV   |



SCALE 1.500



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:<br><0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°  | MATERIAL<br>SEE NOTES        | DRAWN<br>S.VO    | DATE<br>29-Jun-18 | TITLE<br>BNC CRIMP JACK-75 OHM<br>(CANARE L-5.5CUHD<br>CABLE) |          | Amphenol RF<br>www.amphenolrf.com |
|   | REFERENCE<br>EAR# 8258       | ENGINEER<br>S.VO | DATE<br>29-Jun-18 | SCALE: 4.5:1.0 SHEET 2 OF 2                                   |          |                                   |
| 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. | REF:                         | APPROVED<br>--   | DATE<br>--        | DWG SIZE<br>B   | REV<br>A | ITEM NO. 31-70553-12G             |
|   | CONFIGURATION LEVEL: In Work | CAD FILE         |                   |   |          |                                   |
| FINISH  |                              |                  |                   |   |          |                                   |