



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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1. MATERIALS AND FINISHES:  
 BODY & COUPLING NUT: BRASS, NICKEL PLATING  
 CONTACT: BeCu, GOLD PLATING  
 CONTACT: BRASS, GOLD PLATING  
 INSULATORS : PTFE, NATURAL  
 GASKET: SILICONE RUBBER, RED  
 FERRULE: SEAMLESS COPPER, NICKEL PLATING  
 HEAT SHRINK TUBING: CROSSLINKED POLYOLEFIN

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 6 GHz
- C. VSWR(RETURN LOSS): 1.4 (15.563 dB), MAX.
- D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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

4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 31-6821, AND DATE CODE"

5 CABLE ASSEMBLY INSTRUCTIONS:

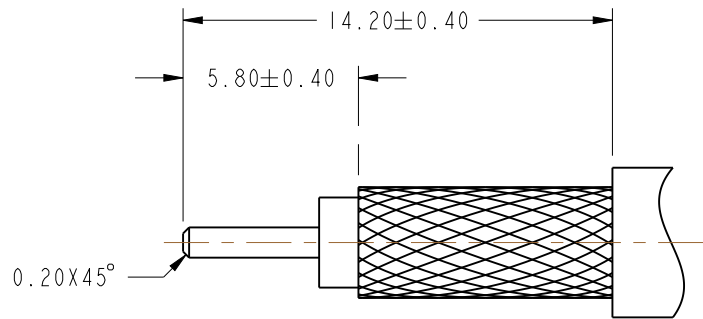
- TRIM CABLE AS SHOWN.
- SLIDE FERRULE AN INSULATOR DISC ONTO CABLE.
- SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
- INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.

6. RECOMMENDED COUPLING TORQUE : 4-6 IN-LBS.

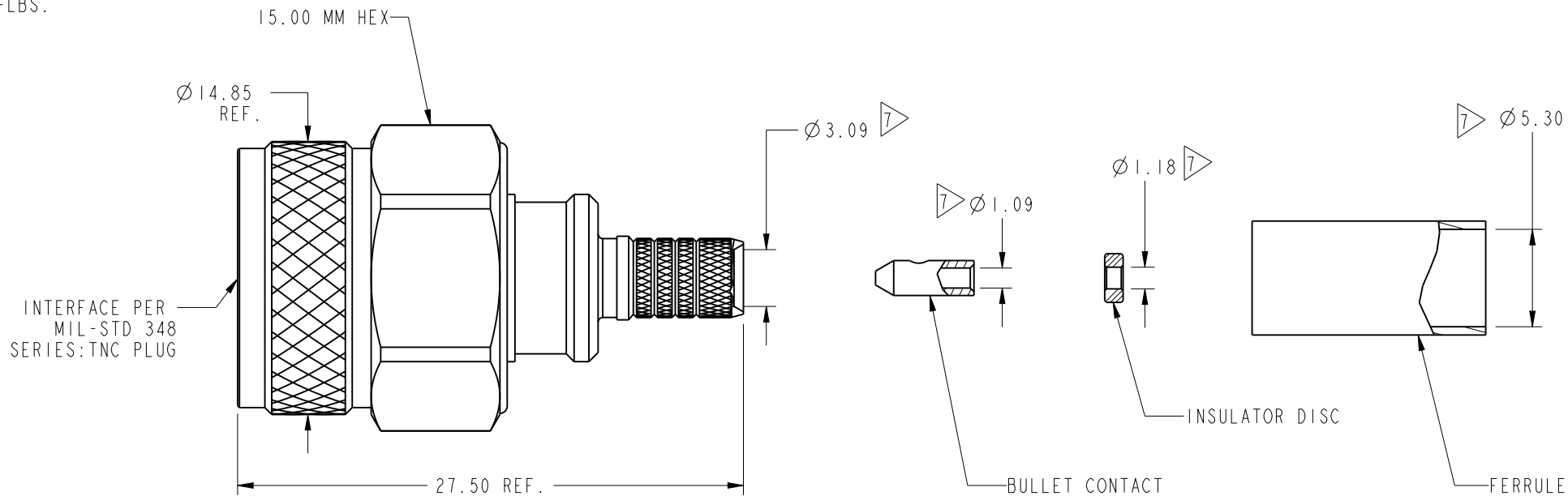
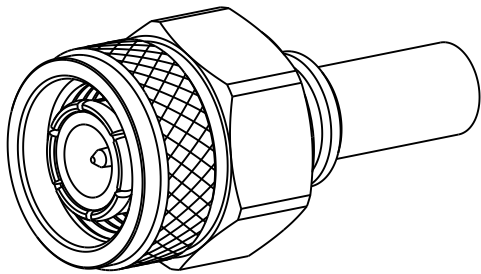
7. SHOWS CABLE ENTRY DIMENSIONS.

## REVISIONS

| REV | DESCRIPTION     | DATE      | ECO   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 21-May-18 | 08141 | KCE  |



## 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    0.5 - 6mm    6 - 30mm    30 - 120mm    ANGLES<br>± 0.05mm    ±0.1mm    ±0.2mm    ± 0.3mm    ±1°<br>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<br><br>SEE NOTES                                   | DRAWN<br>K. ELMES      | DATE<br>19-Dec-17 | TITLE<br>TNC STR PLUG<br>FOR LMR-195-UF, |              | Amphenol RF<br><br>www.amphenolrf.com |                  |
|  |   | ENGINEER<br>K. ELMES   | DATE<br>19-Dec-17 |  |              | DRAWING NO. 31-6821                   |                  |
|  | REFERENCE<br>EAR # 8049<br><br>CONFIGURATION LEVEL: In Work | APPROVED<br>K. CAPOZZI | DATE<br>21-May-18 | SCALE: 4.0:1.0                           | SHEET 2 OF 2 | ITEM NO. 31-6821                      |                  |
|  | FINISH  | CAD FILE               |                   | DWG SIZE<br>B                            |              | REV<br>A                              | PART NO. 31-6821 |