

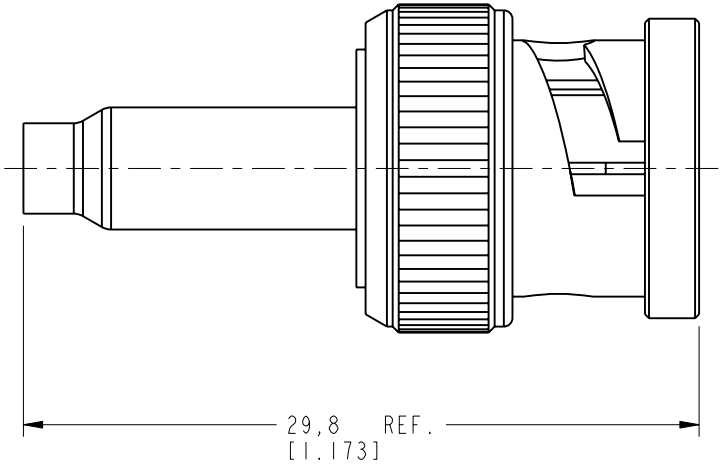
NOTES:  
1. MATERIALS AND FINISHES:  
BODY - PHOSPHOR BRONZE, NICKEL PLATING (.0001" THICK)  
CONTACT - BRASS, GOLD PLATING (.00003" THICK)  
FERRULE - BRASS, NICKEL PLATING (.0001" THICK)  
INSULATOR - PTFE

2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM  
B. FREQUENCY RANGE: DC - 4 GHz  
C. VSWR(RETURN LOSS): 1.3 MAX.  
D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

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

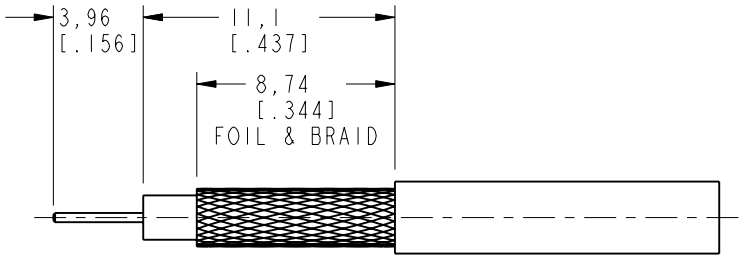
4. FERRULE TO BE CRIMPED WITH A .178 HEX DIE.  
CONTACT TO BE CRIMPED WITH A .042 SQUARE DIE  
OR A 8 PT CRIMPER AMPHENOL NUMBER 227-TI200

5. SHOWS CABLE ENTRY DIMENSIONS.

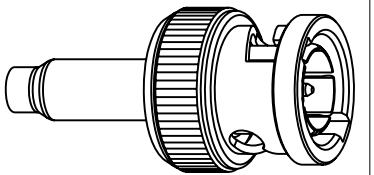


AFTER ASSEMBLY DIMENSIONS

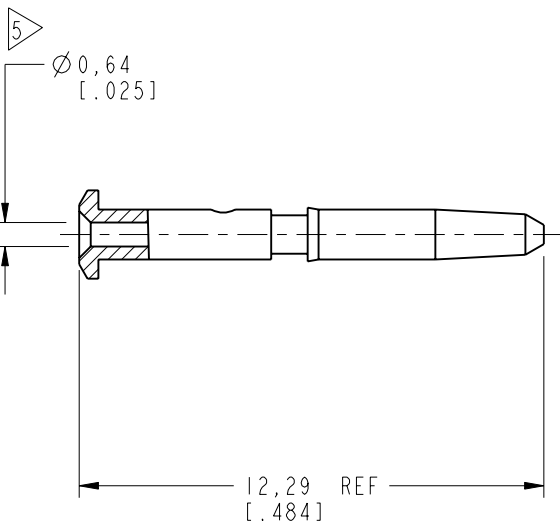
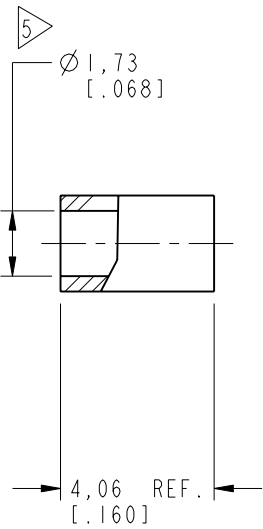
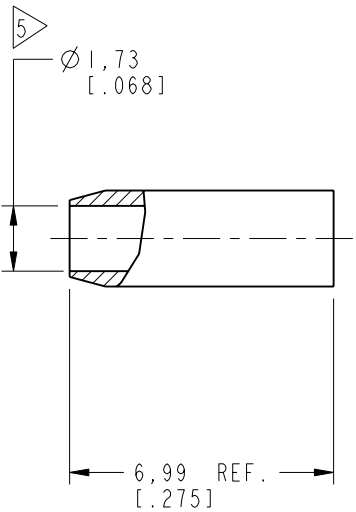
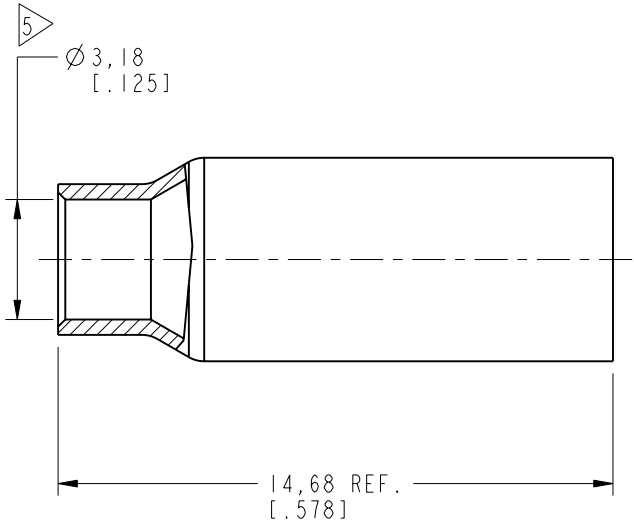
| REVISIONS |                                                           |           |       |       |
|-----------|-----------------------------------------------------------|-----------|-------|-------|
| REV       | DESCRIPTION                                               | DATE      | ECO   | APPR  |
| A         | RELEASE TO MFG                                            | 4/10/06   | 45950 | MY    |
| B         | NOTE 4 SHT 2 'OR A 12 POINT CENTER CONTACT INDENTOR TOOL' | 5/11/06   | 46083 | CPM   |
| C         | NOTE 4 '8 PT CRIMPER AMPHENOL NUMBER CTL-TI200'           | 8/6/07    | 46681 | TC    |
| D         | SEE SHEET 1                                               | 11/26/09  | 47894 | SH    |
| E         | 227-TI200 WAS CTL-TI200\RD-DM110704011                    | 15-Jul-11 | 48649 | DH    |
| F         | STAMP WAS CHANGED\RD-DM110825011                          | 05-Sep-11 | 48757 | SCOTT |



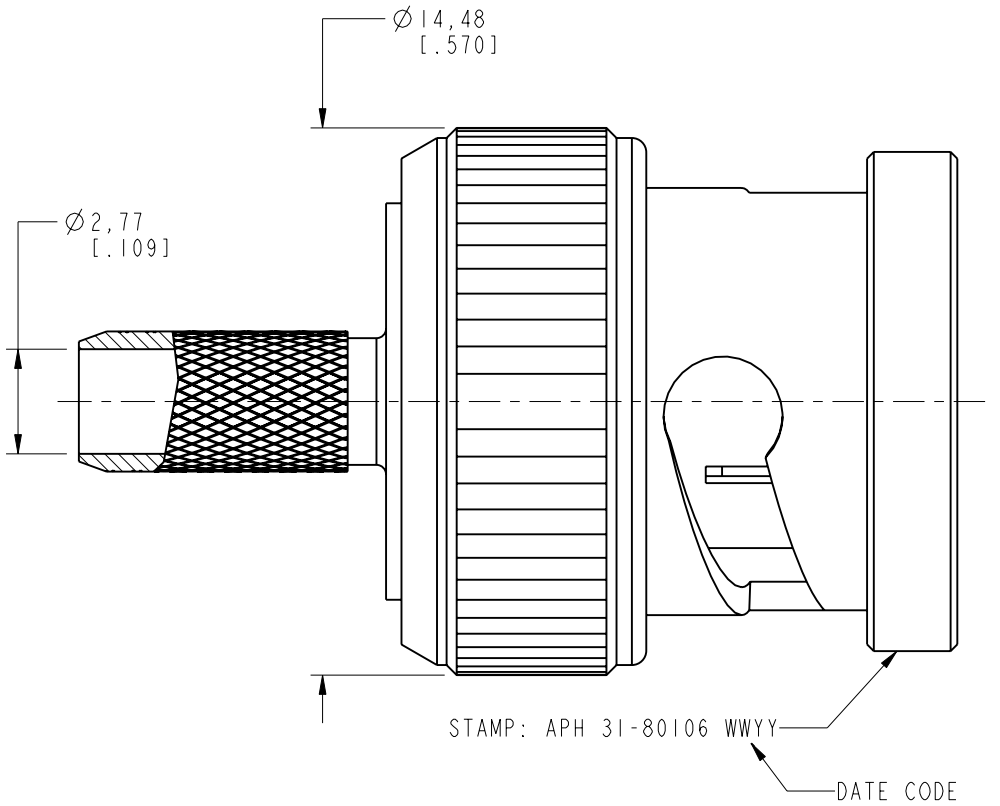
RECOMMENDED  
CABLE STRIPPING DIMENSIONS



SCALE 1.500



SECTION A-A



**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                 |                         |                   |                                              |          |                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------|-------------------|----------------------------------------------|----------|--------------------------------------------------------------------------------------|--|
| <div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br/>&lt;0.5mm ± 0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ± 0.3mm    ANGLES ±1°</div> <div>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.</div> | MATERIAL                                                                                        | DRAWN<br>I. XU          | DATE<br>25-Aug-11 | TITLE<br>75 OHM BNC PLUG<br>FOR RG-174 CABLE |          | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SEE NOTE                                                                                        | ENGINEER<br>G. ANTONINI | DATE<br>03-Mar-05 |                                              |          |                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | REFERENCE<br>EAR # 1674    AND    611x-3996                                                     | APPROVED<br>S. HSIEH    | DATE<br>05-Sep-11 | SCALE: 5.0:1.0   SHEET 2 OF 2                |          | DRAWING NO. 31-80106                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CONFIGURATION LEVEL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | CAD FILE                |                   | DWG SIZE<br>B                                | REV<br>F | ITEM NO. 31-80106                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FINISH                                                                                          |                         |                   |                                              |          | PART NO. 31-80106                                                                    |  |