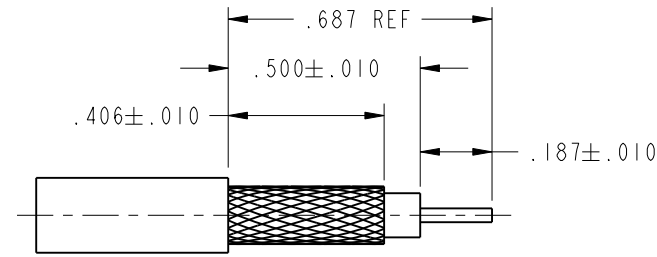


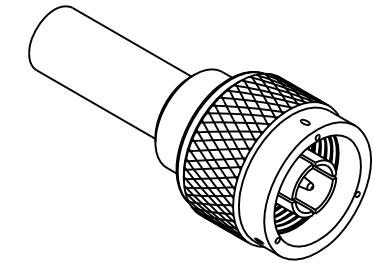
NOTES:

1. MATERIALS AND FINISHES:  
 BODY, COUPLING NUT, OUTER CONTACT = BRASS PER ASTM B16 C3600, H02, SILVER PLATE (.000200 MIN)  
 CONTACT - BRASS PER ASTM B16 C3600, H02, GOLD PLATE (.000100 MIN) OVER COPPER (.000100 MIN)  
 GASKET - SILICONE RUBBER, COLOR RED  
 INSULATOR - PTFE PER ASTM D1710 OR ENGINEERING EQUIVALENT  
 FERRULE - COPPER, SILVER PLATE (.000200 MIN)
2. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65° C TO +165° C
3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL, 82-5584, AND DATE CODE"
4. CABLE ASSEMBLY INSTRUCTIONS:  
 A. STRIP CABLE TO DIMENSIONS AS SHOWN & SLIDE FERRULE OVER CABLE..  
 B. INSERT CABLE INTO CENTER CONTACT UNTIL IT BOTTOMS AND-  
 SOLDER THE CONTACT OR CRIMP WITH AMPHENOL TOOL 227-944(M22520/5-01) AND  
 DIE SET 227-1221-57 CAVITY B (M22520/5-57 CLOSURE B).  
 C. INSERT CABLE INTO THE BODY, MAKE SURE FERRULE COVERS THE BRAID.  
 D. CRIMP THE FERRULE ON TO FERRULE BODY USING AMPHENOL TOOL 227-944 (M22520/5-01)-  
 AND DIE SET 227-1221-57 CAVITY A (M22520/5-57 CLOSURE A)  
 E. CRIMP WITH AMPHENOL TOOL 227-944(M22520/5-01) AND  
 DIE SET 227-1221-57 CAVITY B (M22520/5-57 CLOSURE B).
5. SHOWS CABLE ENTRY DIMENSIONS.

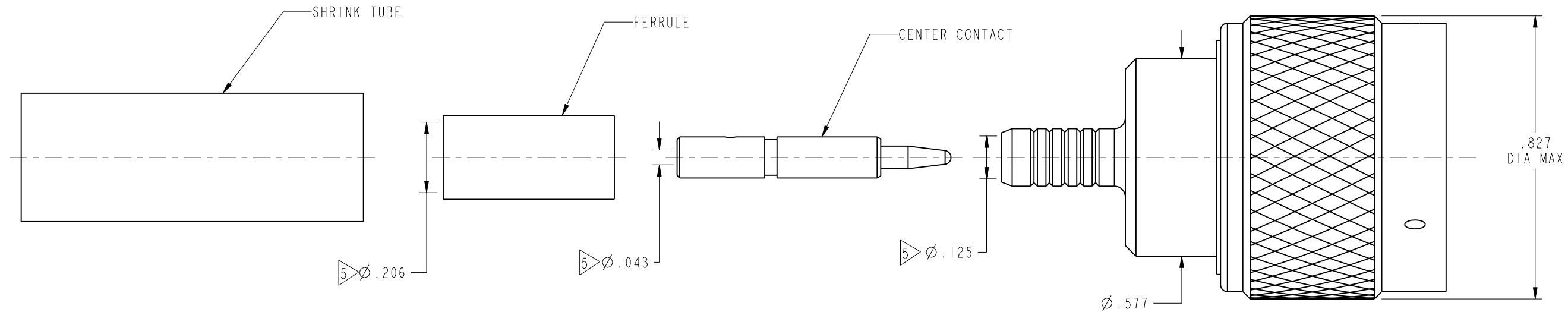
|                   |     |   |            |       |      |
|-------------------|-----|---|------------|-------|------|
| 82-5584           |     | REVISIONS                                 |            |       |      |
| DRAWING NO.       | REV | DESCRIPTION                               | DATE       | ECO   | APPR |
| THIRD ANGLE PROJ. | A   | RELEASE TO MFG.                           | 04-JUNE-76 | 24507 | CRC  |
|                   | H   | USE OF LEAD FREE SOLDER, REDRAWN IN PRO/E | 8/15/07    | 46471 | NBP  |
|                   | J   | ADDED MATERIAL & FINISH                   | 1/16/09    | 47409 | CPM  |



RECOMMENDED  
CABLE STRIPPING DIMENSIONS



SCALE 1.000



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

|   |           |                          |                   |  |                        |   |  |
|---|-----------|--------------------------|-------------------|--|------------------------|---|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>2 PLACE DECIMAL ±.015 (0,381 mm)<br>3 PLACE DECIMAL ±.005 (0,127 mm)<br>ANGLES ± 1°   | MATERIAL  | DRAWN<br>PRAVEEN N.B     | DATE<br>14-Mar-07 | TITLE<br>TYPE "N" PLUG<br>MIL-CR P<br>FOR RG-303/U CABLE |                        | <b>Amphenol RF</b><br>Danbury, CT, USA<br>Tainan, Taiwan<br>Shenzhen, China<br><a href="http://www.amphenolrf.com">www.amphenolrf.com</a> |  |
|   | REFERENCE | ENGINEER<br>PRAVEEN N.B  | DATE<br>14-Mar-07 |  |                        |   |  |
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