

NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

1. MATERIALS AND FINISHES:

BODY - BRASS, NICKEL PLATING  
CONTACT - BERYLLIUM COPPER, GOLD PLATING  
INSULATOR - PTFE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC 0-10 GHz  
C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

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

4. CONTACT PIN TO SOLDER

5. CRIMPED FERRULE

HEX. CRIMP SIZE .151"

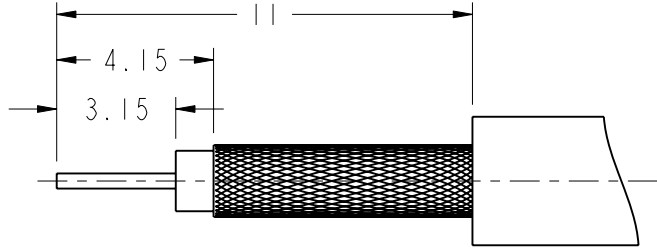
6. PACKAGING

MARK BAG "AMPHENOL, 903-369P-51A  
AND DATE CODE".

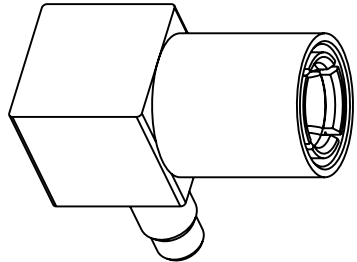
THIRD ANGLE PROJ.

REVISIONS

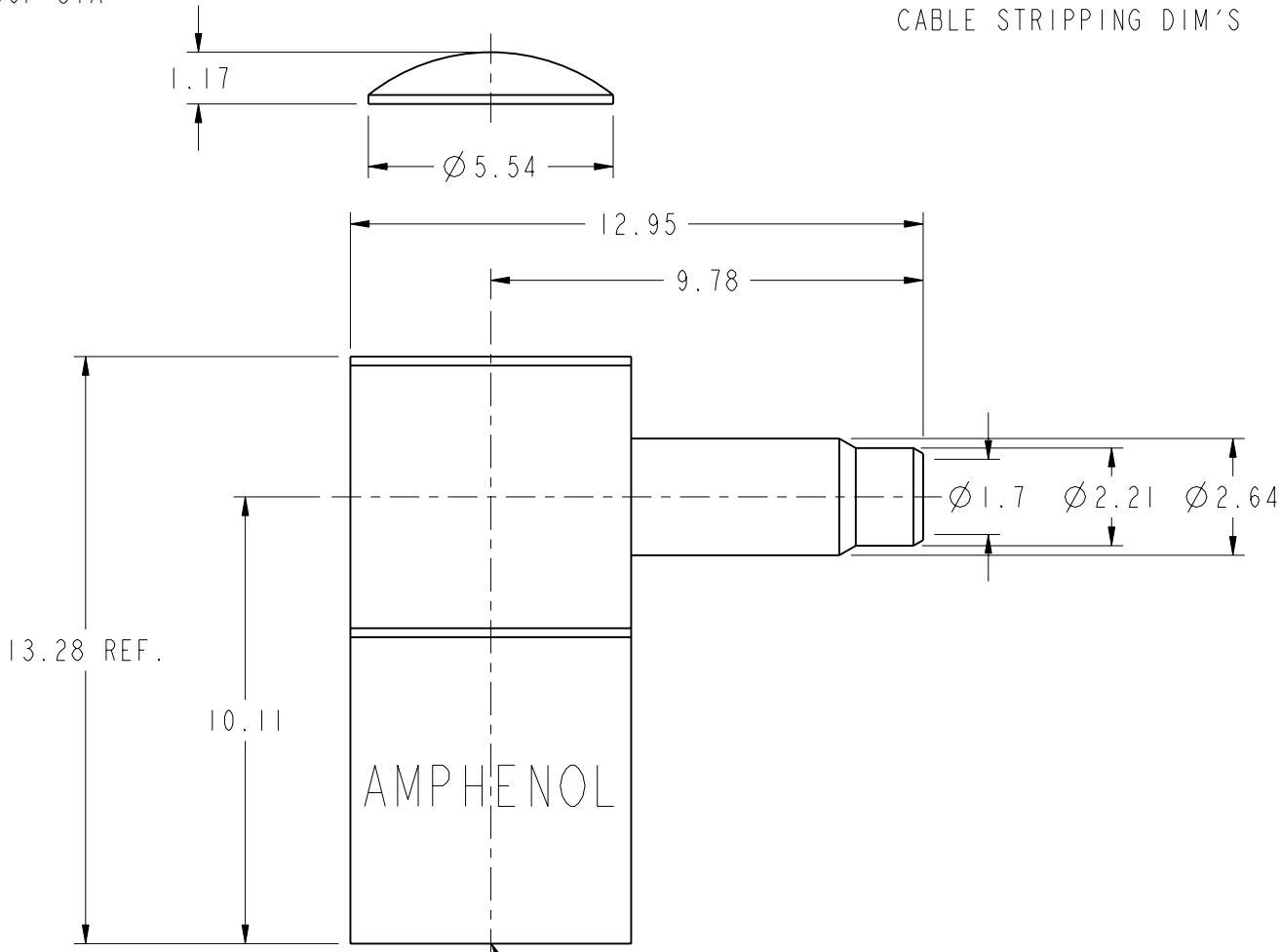
| REV | DESCRIPTION                                                                 | DATE      | ECO   | APPR  |
|-----|-----------------------------------------------------------------------------|-----------|-------|-------|
| G   | CABLE WAS RG-316/U, UPDATE PLATING                                          | 08-Mar-93 | 39398 | PB    |
| H   | RETAINER RING WAS UPDATED                                                   | 08-Feb-94 | 39786 | PB    |
| J   | RELEASE IN ARFA                                                             | 10-Apr-09 | ----  | SCOTT |
| K   | ADDED ASSEMBLY INSTRUCTIONS ON ASSEMBLY DRAWING                             | 29-Apr-09 | 47555 | SCOTT |
| L   | NO CHANGE TO COD, REFLECTING REVISION OF INTERNAL DOCUMENTS\RD-DM12011301R3 | 19-Jan-12 | 48977 | SH    |



RECOMMENDED  
CABLE STRIPPING DIM'S



SCALE 3.000



INTERFACE PER MIL-STD-348  
SMB SERIES FIGURE 311.2

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |  |                        |  |                   |  |                                               |  |                  |                                                                                      |                          |  |                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|------------------------|--|-------------------|--|-----------------------------------------------|--|------------------|--------------------------------------------------------------------------------------|--------------------------|--|-----------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br>0.5 - 6mm<br>±0.1mm<br>6 - 30mm<br>±0.2mm<br>30 - 120mm<br>± 0.3mm<br>ANGLES<br>±1°<br><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 sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data. | MATERIAL  |  | DRAWN<br>R. MAO        |  | DATE<br>19-Jan-12 |  | TITLE<br>SMB 50 OHM ANGLE<br>PLUG FOR M17/152 |  |                  | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |                          |  |                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |  | ENGINEER<br>P. BRENZEL |  | DATE<br>09-Aug-08 |  |                                               |  |                  |                                                                                      |                          |  |                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | REFERENCE |  | APPROVED<br>SCOTT      |  | DATE<br>19-Jan-12 |  | SCALE: 6.0:1.0                                |  | SHEET 2 OF 2     |                                                                                      | DRAWING NO. 903-369P-51A |  |                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |  | CAD FILE               |  |                   |  | DWG SIZE<br>B                                 |  | CODE ID<br>74868 |                                                                                      | REV<br>L                 |  | ITEM NO. 903-369P-51A |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FINISH    |  |                        |  |                   |  |                                               |  |                  |                                                                                      |                          |  | PART NO. 903-369P-51A |  |