

NOTES:

1. MATERIAL AND FINISH (PLATING THICKNESS IN MICRO-INCHES):

BODY BERYLLIUM COPPER, ALBALOY PLATING OVER SLIVER  
CONTACT PIN BERYLLIUM COPPER, GOLD PLATING  
INSULATOR PTFE, NATURAL

2. ELECTRICAL:

- A. IMPEDANCE:50 OHM  
B. FREQUENCY RANGE: DC-10 GHz  
C. RETURN LOSS: 30 dB MIN.@ DC-2 GHz  
27 dB MIN.@ 2-4 GHz  
24 dB MIN.@ 4-6 GHz  
D. INSERTION LOSS: 0.05X  $\sqrt{f(\text{GHz})}$  dB MAX.  
E. INSULATION RESISTANCE: 5 GOHM MIN.  
F. CENTER CONTACT RESISTANCE: 3 mOHM MAX.  
OUTER CONTACT RESISTANCE: 2 mOHM MAX.  
G. POWER HANDLING: 200 W MAX.@ 2.2 GHz AT 20°C  
H. INTERMODULATION(3rd order): 160 dBc Min. 2X43dBm

3. MECHANICAL:

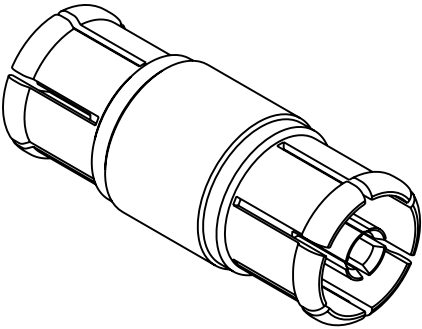
- A. DURABILITY:  
IF MATING PART IS SMOOTH BORE,CATCHERS MITT:1000 CYCLES MIN.  
IF MATING PART IS LIMITED & FULL DETENT:100 CYCLES MIN.  
B. TEMPERATURE RANGE:-65°C TO +165°C

4. ALL MATERIALS MUST BE "RoHS" COMPLIANT

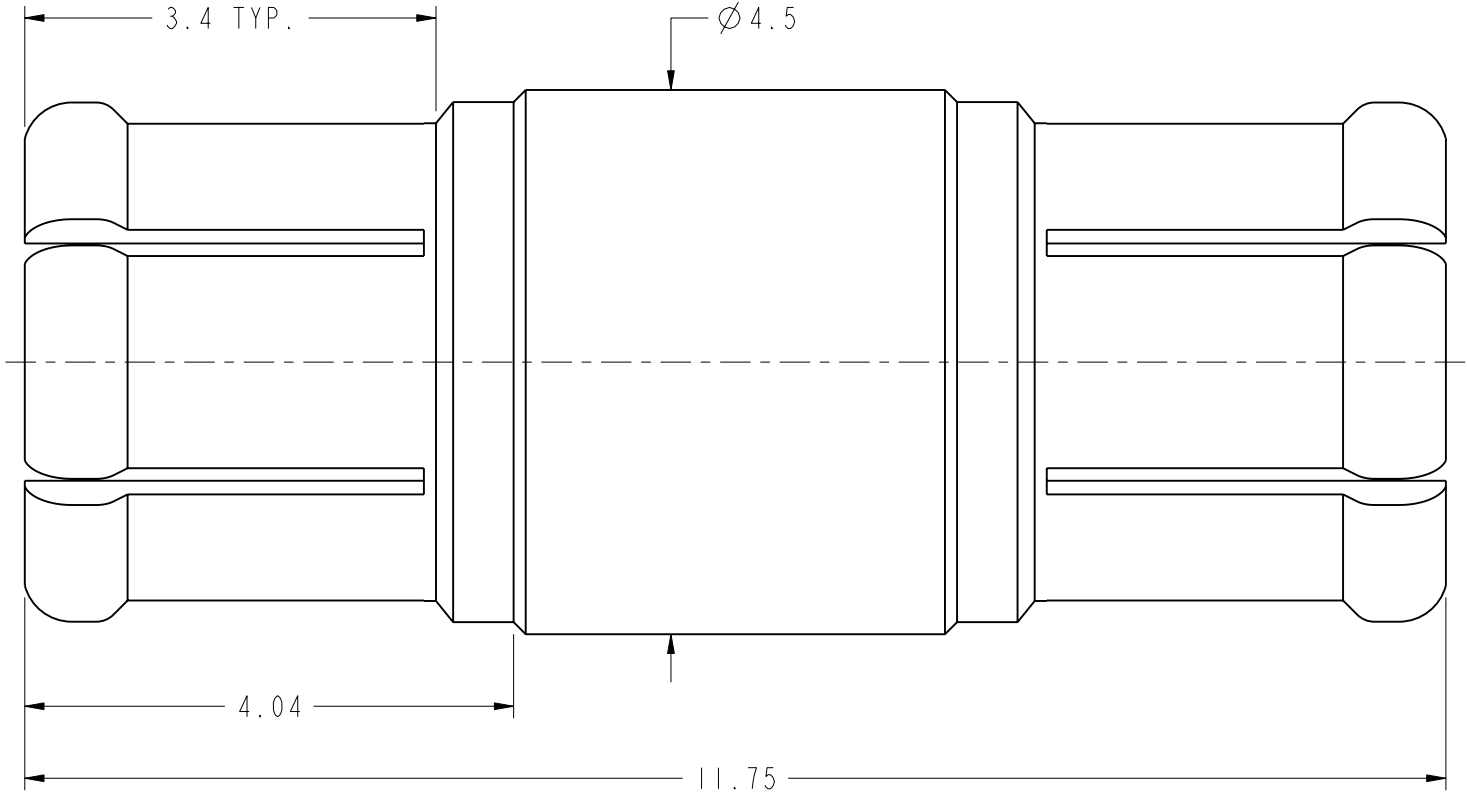
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION                                    | DATE      | ECO   | APPR |
|-----|------------------------------------------------|-----------|-------|------|
| A   | RELEASE TO MFG                                 | 26-Aug-15 |       | AY   |
| B   | TITLE WAS CHANGED,ADDED PART NO.PSMP-FSBA-1175 | 29-Oct-15 | 50843 | AY   |



SCALE 5.000



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°<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>STAMN                   | DATE<br>20-Nov-15 | TITLE<br>PSMP BULLET<br>11.75 MM LONG |              | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | REFERENCE<br>EAR 6570 | ENGINEER<br>RICKSON              | DATE<br>27-Aug-15 |                                       |              |                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       | APPROVED<br>S.HSIEH              | DATE<br>20-Nov-15 |                                       |              | DRAWING NO.PSMP7071A1-003-AT8GPA-50                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       | CAD FILE                         |                   | SCALE: 15.0:1.0                       | SHEET 2 OF 2 | ITEM NO. 677071ABHA1BT5F                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FINISH                | I:\PSMP\PSMP7071A1-003-AT8GPA-50 |                   | DWG SIZE<br>B                         | REV<br>B     | PART NO. PSMP-FSBA-1175                                                              |  |