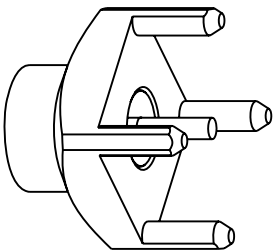


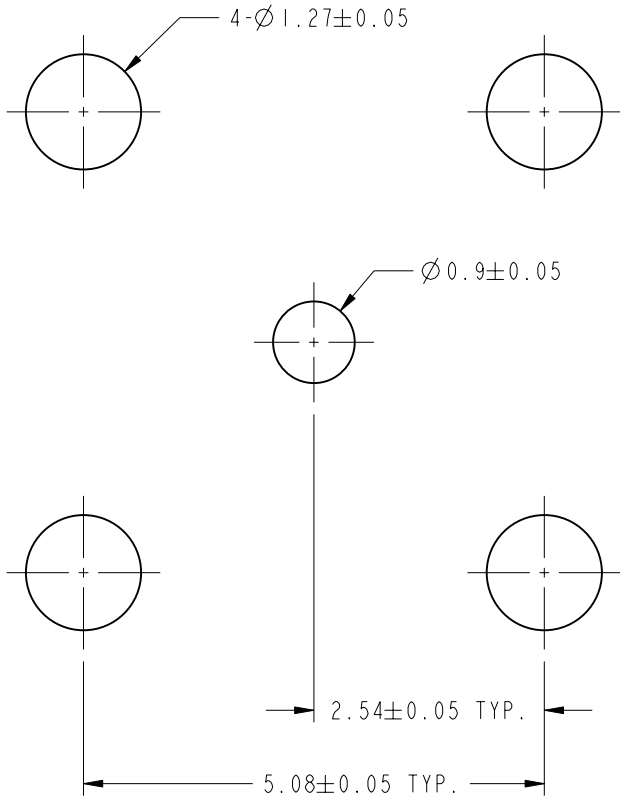
- NOTES:
1. MATERIAL AND FINISH (PLATING THICKNESS IN INCHES):  
BODY - BRASS, GOLD PLATING, .000030 [0.8 um] THICK  
CONTACT - BRASS, GOLD PLATING, .000030 [0.8 um] THICK  
INSULATOR - PEEK, NATURAL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 6 GHz  
C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC-2GHz  
1.22 (20 dB), MAX. 2-6GHz  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:  
A. DURABILTIY: 500 CYCLES MIN.  
B. ENGAGEMENT FORCE: 9 LB [40 N] MAX  
C. DISINGAGEMENT FORCE: 2 LB [8.8 N] MIN  
D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN  
E. TEMERATURE RANGE: -65° C TO 165° C

THIRD ANGLE PROJ.

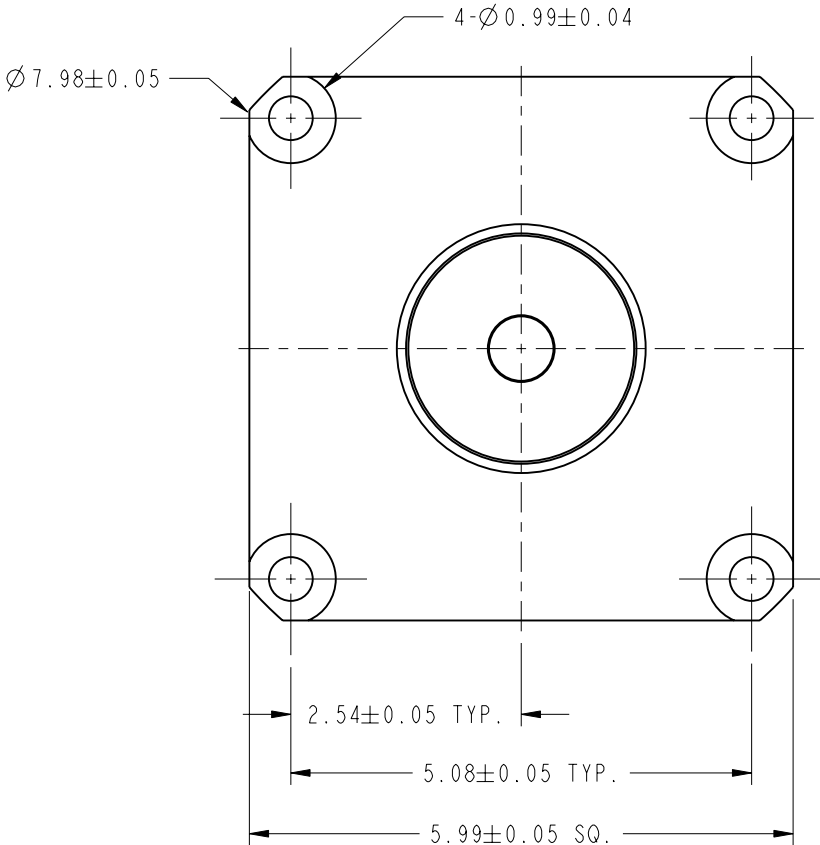
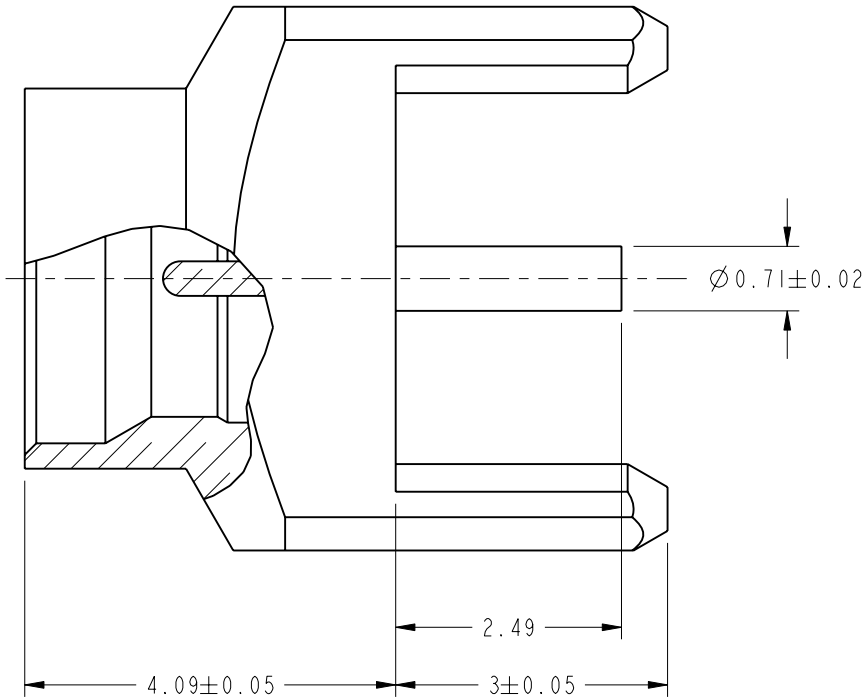
| REVISIONS |                                       |           |       |      |
|-----------|---------------------------------------|-----------|-------|------|
| REV       | DESCRIPTION                           | DATE      | ECO   | APPR |
| A         | RELEASE TO MFG                        | 3/2/05    | 45425 | WAH  |
| B         | ADDED RECOMMENDED PCB\RD-DM10052601J1 | 01-Jun-10 | 48105 | SH   |



SCALE 4.000



RECOMENDED PCB  
MOUNTING 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 ± 0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ± 0.3mm    ANGLES ±1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MATERIAL                      |  | DRAWN               | DATE      | TITLE                        |  | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                             |  | J.CHENG             | 01-Jun-10 |                              |  |                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |  | ENGINEER            | DATE      |                              |  |                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | REFERENCE                     |  | APPROVED            | DATE      | SMP JACK PIN CONTACT         |  | DRAWING NO. SMP-MSLD-PCT                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EAR # 1531 AND 615X-1732      |  | S.HSIEH             | 01-Jun-10 | PCB RECEPTACLE               |  | ITEM NO. SMP-MSLD-PCT                                                                |  |
| 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 finishing 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 implicatioin 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. | CONFIGURATION LEVEL: Released |  | CAD FILE            |           | SCALE: 12.0:1.0 SHEET 2 OF 2 |  | PART NO. SMP-MSLD-PCT                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FINISH                        |  | I:\SMP\SMP-MSLD-PCT |           | DWG SIZE                     |  | REV                                                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |  |                     |           | B                            |  | B                                                                                    |  |