

NOTES:

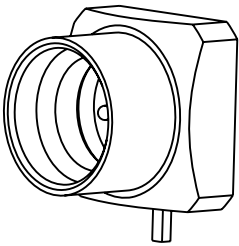
1. MATERIALS AND FINISHES:  
BODY & CONTACT- BRASS, GOLD PLATING  
INSULATOR - LCP EI30i
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 18 GHz  
C. VSWR (RETURN LOSS): 1.10 MAX. (-26.4 dB MIN.) @ DC - 6 GHz  
1.15 MAX. (-23.1 dB MIN.) @ 6 - 10 GHz  
1.30 MAX. (-17.7 dB MIN.) @ 10 - 18 GHz  
CONNECTOR ONLY, PERFORMANCE WILL VARY  
BASED ON BOARD LAYOUT  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C  
C. ENGAGEMENT FORCE: 10 LBS (45 N) MAX.  
D. DISENGAGEMENT FORCE: 2 LBS (9 N) MIN.  
E. INNER CONTACT RETENTION FORCE: 1.5 LBS (7 N) MIN.
4. PACKAGING:  
A. QUANTITY: 50 PCS TRAY  
B. MARKING: TRAY TO BE MARKED:  
"AMPHENOL RF, SMP-MSLD-PCS-17 AND DATE CODE"

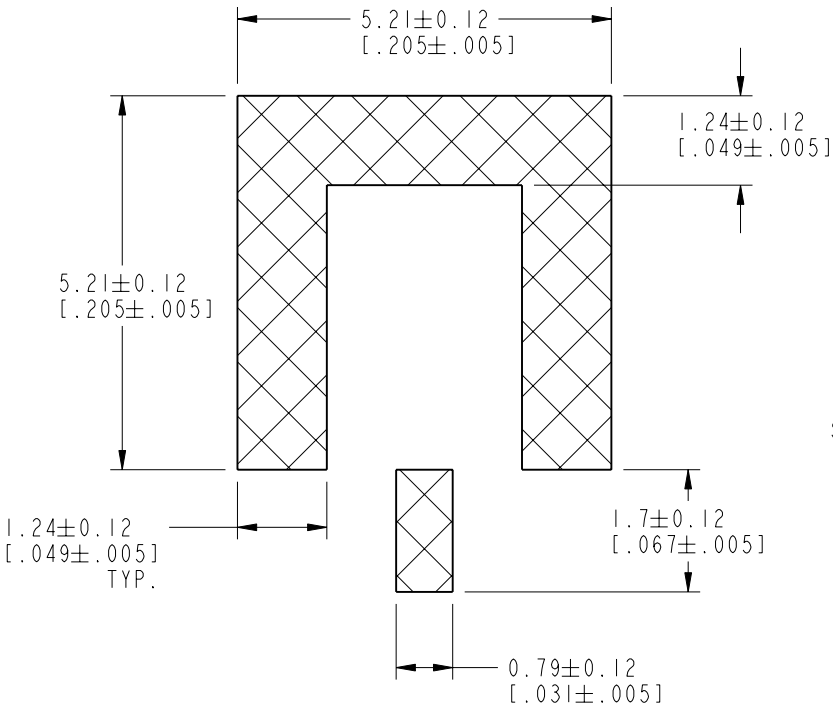
THIRD ANGLE PROJ.

REVISIONS

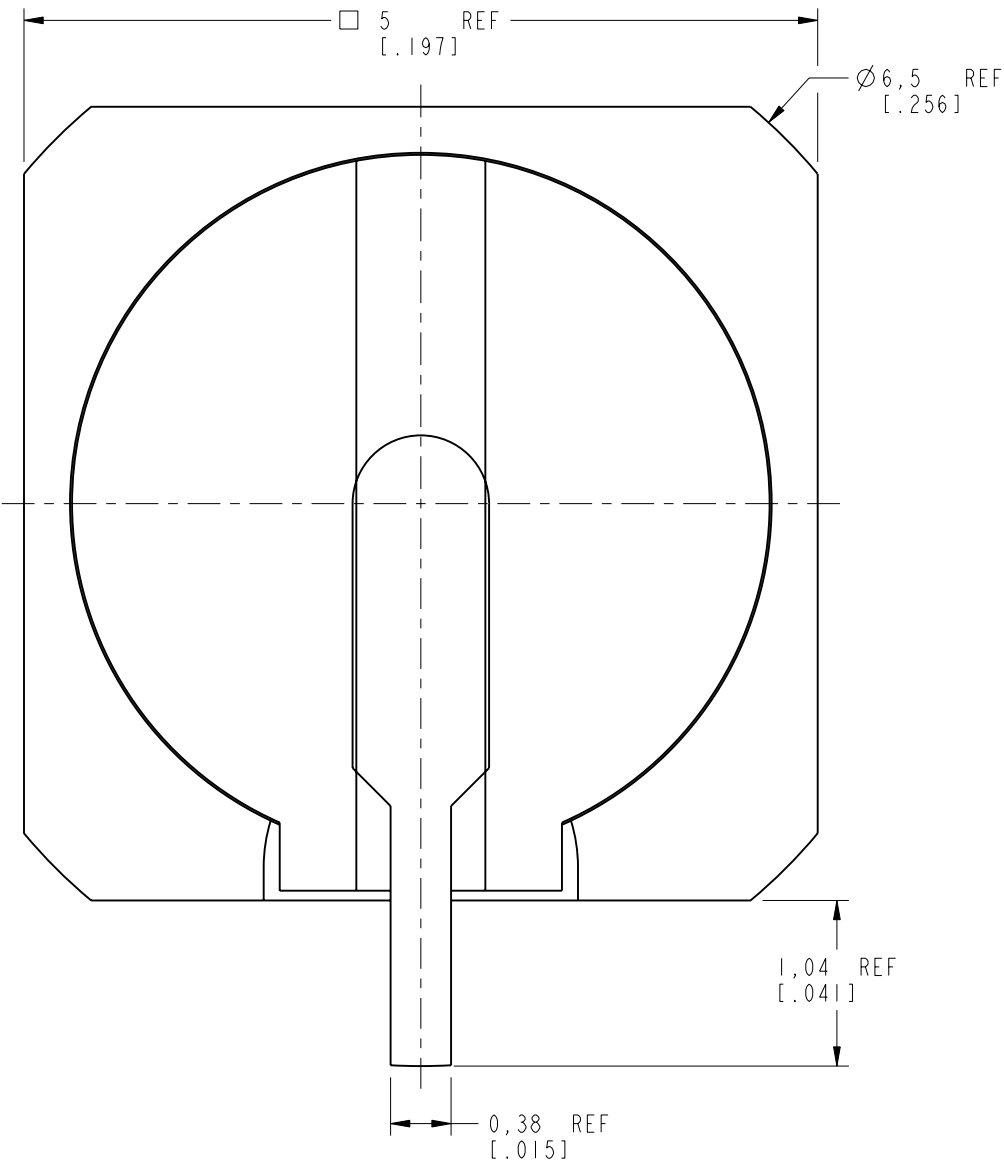
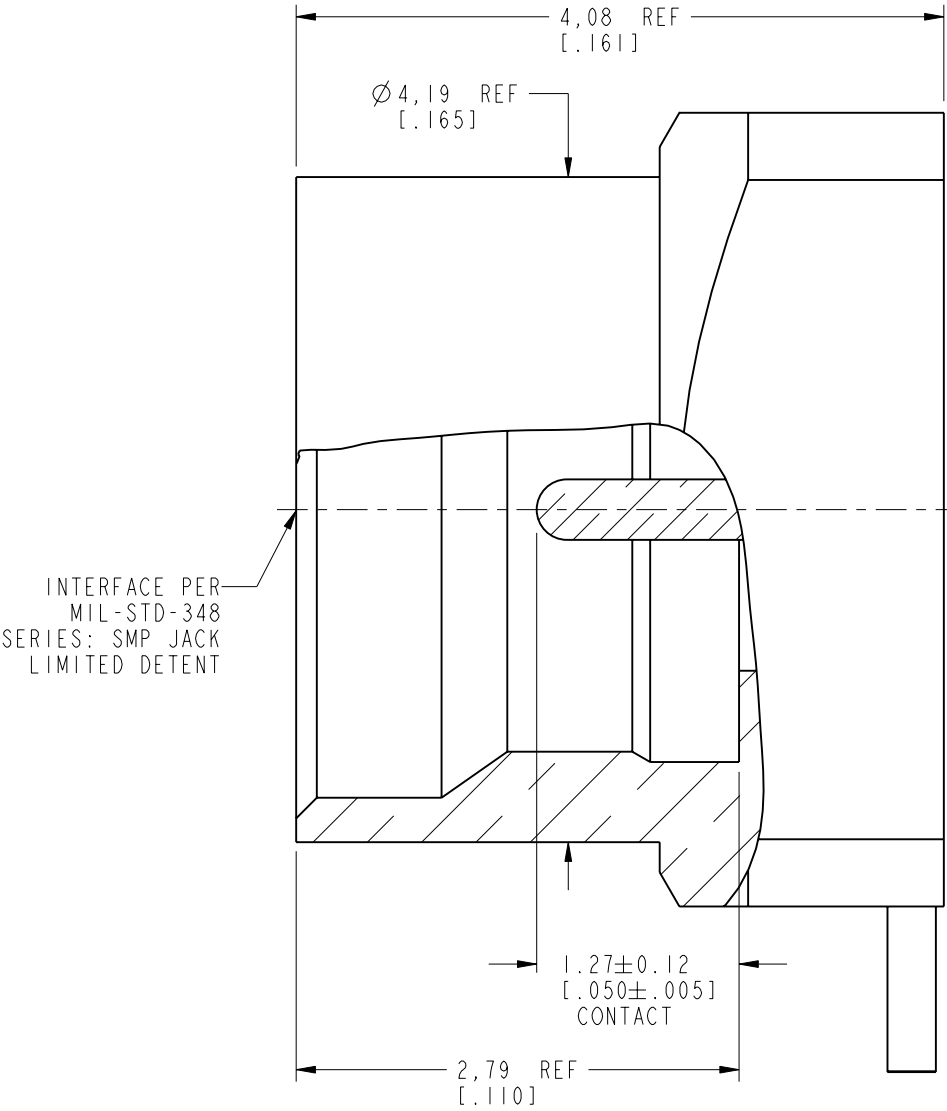
| REV | DESCRIPTION     | DATE      | ECO   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 08-Jun-18 | 08221 | BMG  |



SCALE 5.000



RECOMMENDED PCB  
LAYOUT 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      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES<br>± 0.05mm      ±0.1mm      ±0.2mm      ± 0.3mm      ±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 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. | MATERIAL  | DRAWN     | DATE                         | TITLE                       |  | Amphenol RF<br><br>www.amphenolrf.com |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -         | STAR      | 13-Jun-18                    |                             |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | ENGINEER  | DATE                         |                             |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | SUNDE     | 13-Jun-18                    |                             |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REFERENCE | APPROVED  | DATE                         |                             |  |                                       |
| EAR # 8016      AND      SMP-MSLD-PCS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S.HSIEH   | 13-Jun-18 | SCALE: 21.0:1.0 SHEET 2 OF 2 |                             |  |                                       |
| CONFIGURATION LEVEL: In Work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAD FILE  | DWG SIZE  |                              | REV                         |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FINISH    | B         |                              | A                           |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |           |                              | DRAWING NO. SMP-MSLD-PCS-17 |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |           |                              | ITEM NO. SMP-MSLD-PCS-17    |  |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |           |                              | PART NO. SMP-MSLD-PCS-17    |  |                                       |