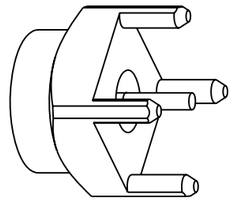
NOTES:
1. MATERIALS AND FINISHES:
   BODY - BRASS, GOLD PLATING
   CONTACT - BRASS, GOLD PLATING
   INSULATOR - PEEK OR LCP
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 6 GHz
   C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC-2GHz
      1.22 (20 dB), MAX. 2-6GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
   A. DURABILTIY: 500 CYCLES MIN.
   B. ENGAGEMENT FORCE: 2 LB [9 N] MAX
   C. DISINGAGEMENT FORCE: 0.5 LB [2.2 N] MIN
   D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN
   E. TEMPERATURE RANGE: -65° C TO 165° C
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING:
      AMPHENOL
      SMP-MSCM-PCT-2
      DATE CODE
      QTY

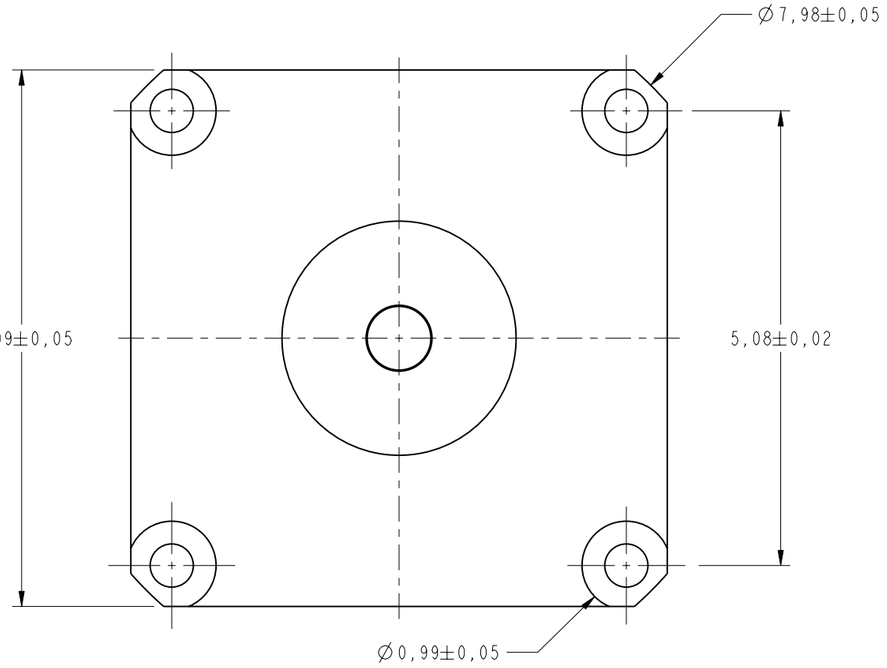
THIRD ANGLE PROJ.

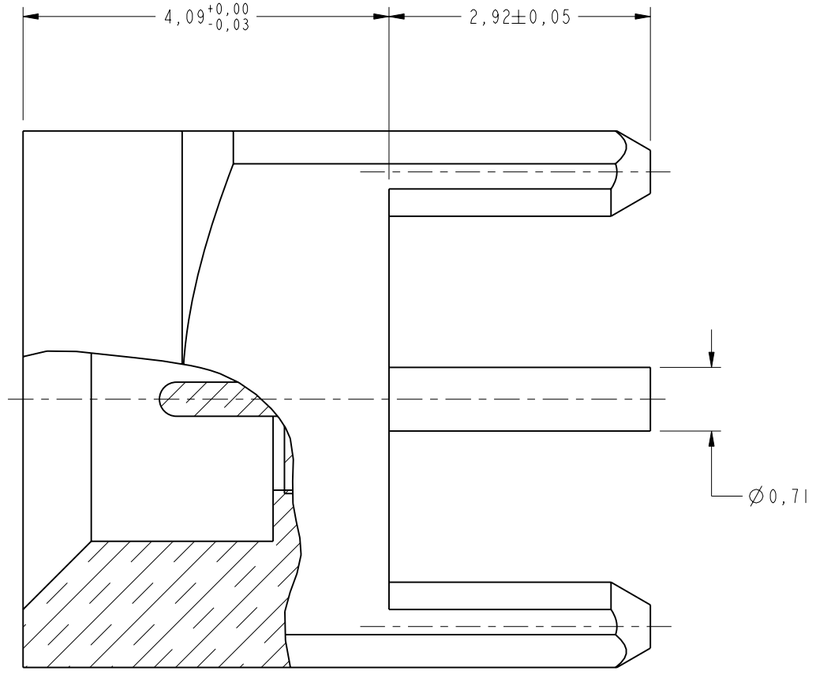
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	06-Dec-06	-----	Mark
B	$4.09^{+0}_{-0.03}$ WAS 4.09±0.02	03-May-18	08005	SH



SCALE 4.000





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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

REFERENCE AND CONFIGURATION LEVEL:

FINISH

DRAWN STAR	DATE 03-May-18	
ENGINEER GEFFERY	DATE 06-Dec-06	
APPROVED S.HSIEH	DATE 03-May-18	
CAD FILE		

TITLE
ASSEMBLY
SMP,PLUG

SCALE: 15.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV B

Amphenol RF
www.amphenolrf.com

DRAWING NO. SMP-MSCM-PCT-2
ITEM NO. SMP-MSCM-PCT-2
PART NO. SMP-MSCM-PCT-2