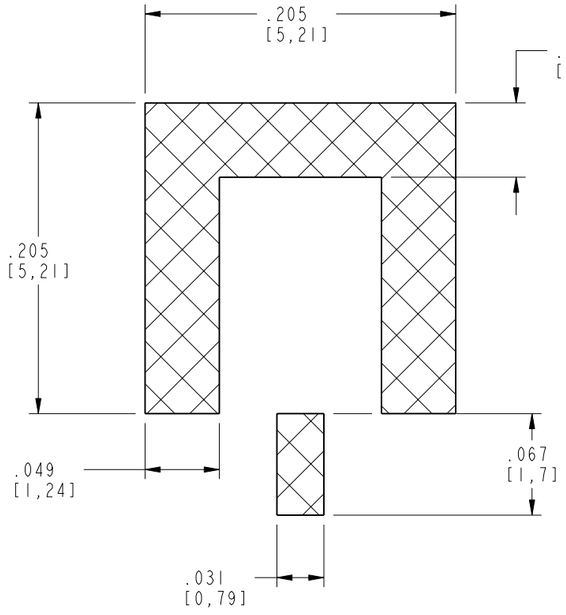
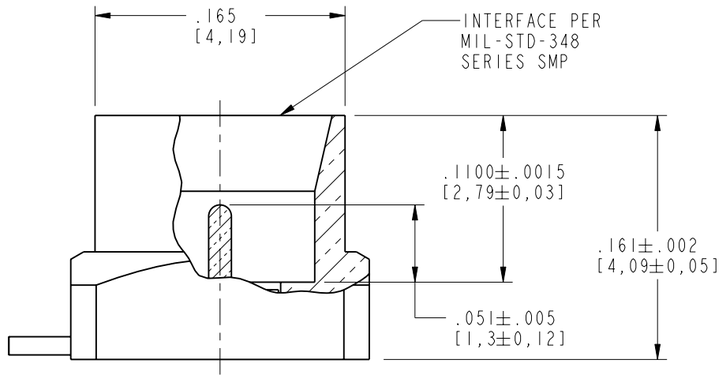
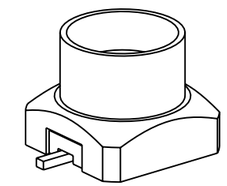
SMP-MSSB-PCS	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	3/2/05	45426	MAH

NOTES:
1. MATERIALS AND FINISHES:
   BODY - BRASS, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL
   CONTACT - GOLD, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL
   INSULATOR - PEEK OR LCP
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 18 GHz
   C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC-6GHz
   1.15 (23.1 dB), MAX. 6-10GHz
   1.30 (17.7 dB), MAX. 10-18GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 335 VRMS, MIN.
3. PHYSICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. ENGAGEMENT FORCE: 2 LB [9 N] MAX
   C. DISENGAGEMENT FORCE: .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

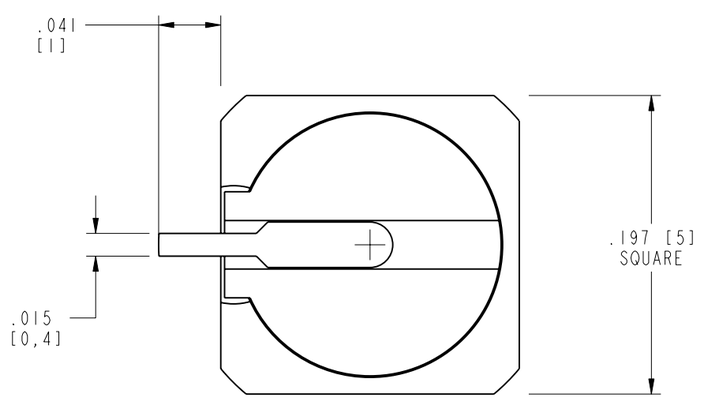


RECOMMENDED PCB FOOTPRINT
SCALE 10.000





SCALE 5.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

2 PLACE DECIMAL	3 PLACE DECIMAL	ANGLES
±.015 (0,381 mm)	±.005 (0,127 mm)	± 1°

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MATERIAL

REFERENCE
GEN# ASSYM7_SMP
EAR#
615X-1782
PREVIOUSLY SMP-MSSB-PCS-1

DRAWN	OWEN BARTHELMES	DATE 26-Apr-05
ENGINEER	OWEN BARTHELMES	DATE 26-Apr-05
APPROVED	OWEN BARTHELMES	DATE 3/2/05
CAD FILE	SMP-MSSB-PCS	

TITLE
SMP MALE SMT
PCB RECEPTACLE
SMOOTH BORE

Amphenol RF
Danbury, CT, USA
Tainan, Taiwan
Shenzhen, China
www.amphenolrf.com

SCALE: 10.0:1 | SHEET 2 OF 2

CODE ID	DWG SIZE	DRAWING NO.	REV
74868	B	SMP-MSSB-PCS	A