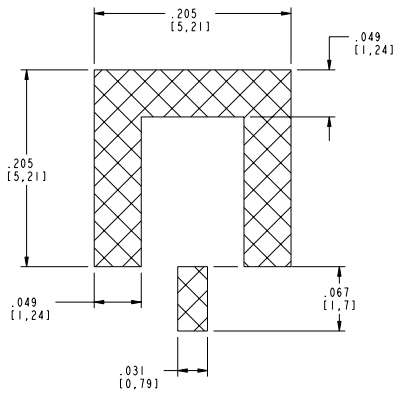


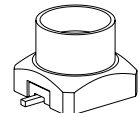
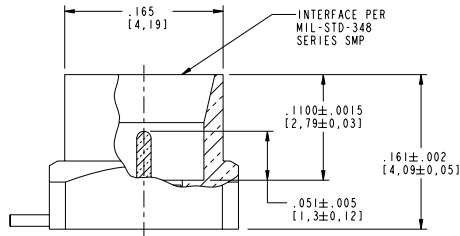
NOTES:

- 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
- 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.
- 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

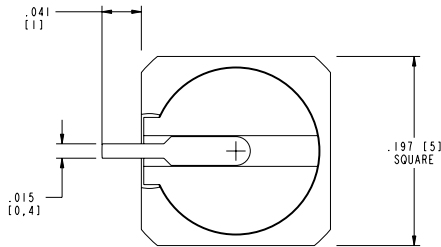
SMP-MSSB-PCS		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	⊕	A	RELEASE TO MFG.	3/2/05	45426 MAH



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 ±.015 (0.381 mm) 3 PLACE DECIMAL ±.005 (0.127 mm) ANGLES ± 1°	MATERIAL REFERENCE GEN# ASSYM7_SMP EAR# 615X-1782 PREVIOUSLY SMP-MSSB-PCS-1	DRAWN OWEN BARTHELME	DATE 28-Apr-05	TITLE SMP MALE SMT PCB RECEPTACLE SMOOTH BORE	Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
		ENGINEER OWEN BARTHELME	DATE 28-Apr-05			APPROVED OWEN BARTHELME	DATE 3/2/05
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