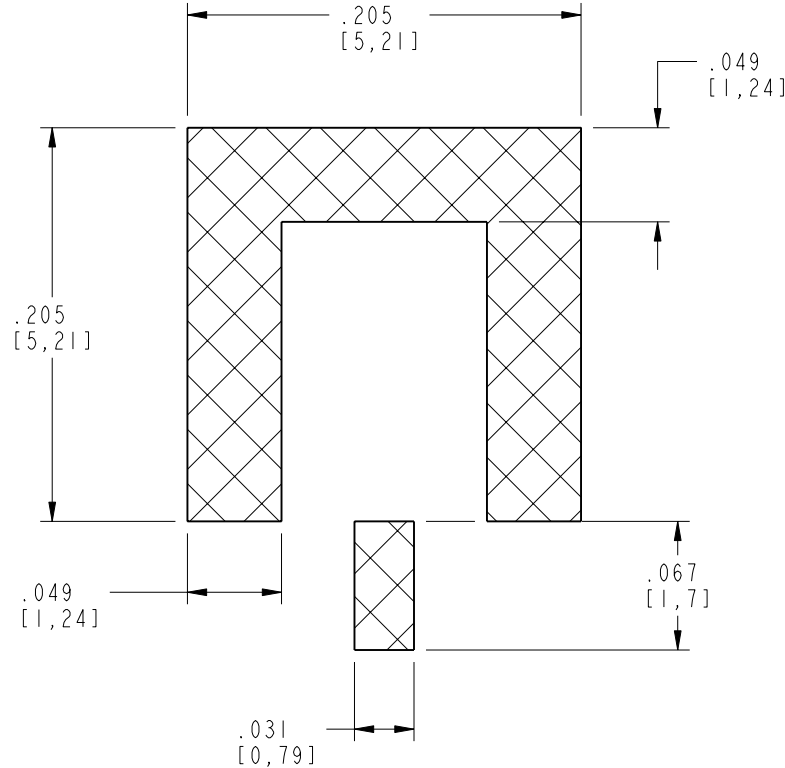
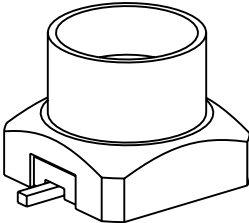
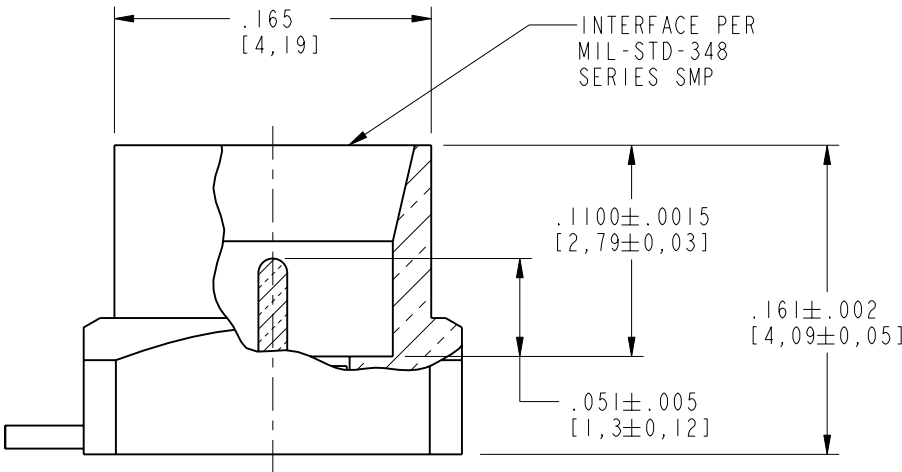


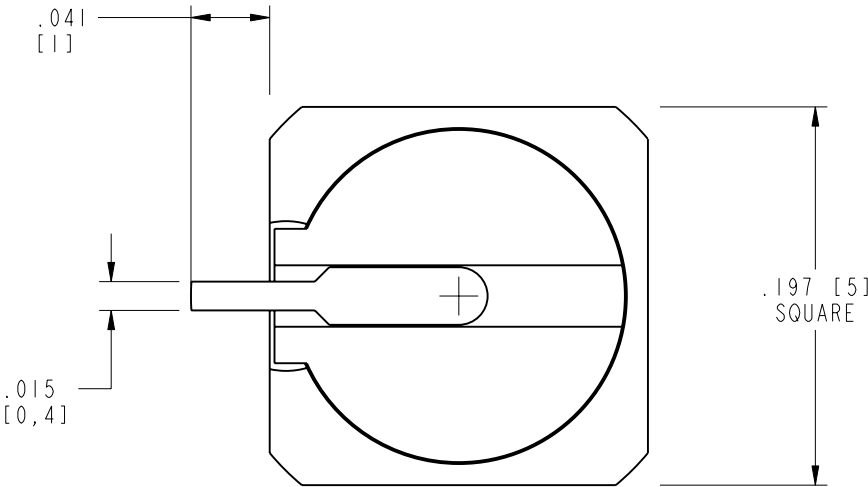
NOTES: 1. MATERIALS AND FINISHES: BODY - BRASS, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL CONTACT - GOLD, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL INSULATOR - PEEK OR LCP 2. ELECTRICAL: A. IMPEDANCE: 50 OHM B. FREQUENCY RANGE: DC - 18 GHz C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC-6GHz 1.15 (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	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 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN OWEN BARTHELMES	DATE 26-Apr-05	TITLE SMP MALE SMT PCB RECEPTACLE SMOOTH BORE			Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
	REFERENCE GEN# ASSYM7_SMP EAR# 615X-1782 PREVIOUSLY SMP-MSSB-PCS-1	ENGINEER OWEN BARTHELMES	DATE 26-Apr-05						
APPROVED OWEN BARTHELMES		DATE 3/2/05	CODE ID 74868						