

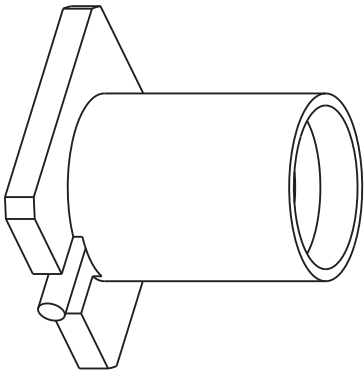
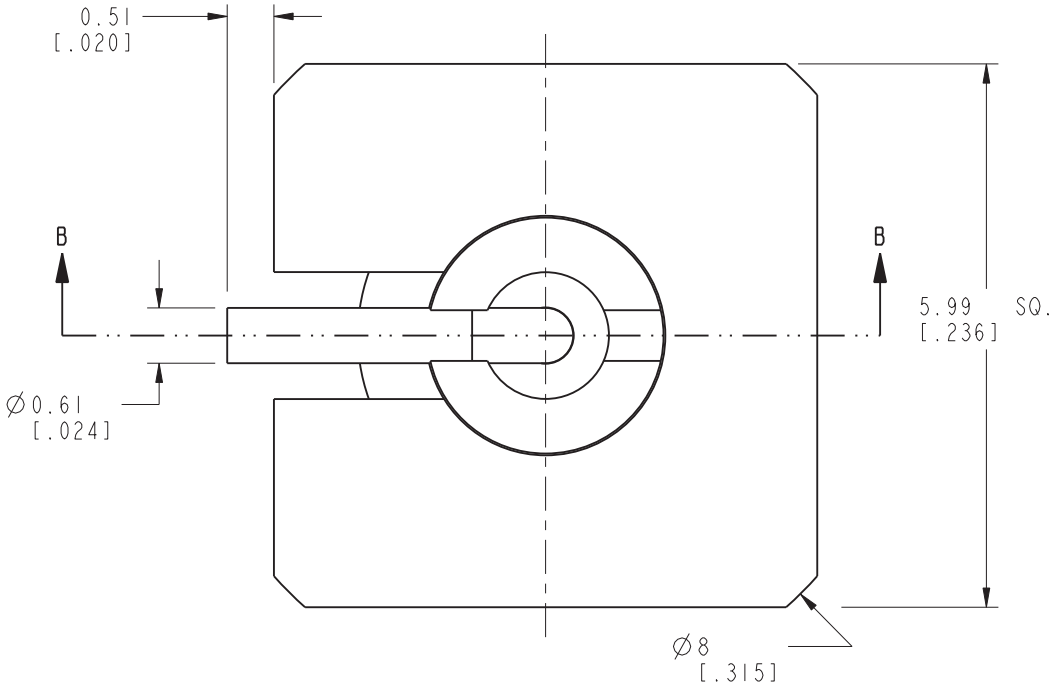
NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING, .000030 INCH [0.0008 MM] THICK OVER COPPER
CONTACT - BERYLLIUM COPPER, GOLD PLATING, .000030 INCH [0.0008 MM] THICK OVER COPPER
INSULATOR - PEEK OR LCP, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 12 GHz
C. VSWR(RETURN LOSS): 1.10 (26 dB), MAX. DC-6GHz
1.20 (21 dB), MAX. 6-12GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
A. DURABILTIY: 500 CYCLES MIN.
B. ENGAGEMENT FORCE: 10 LB [45 N] MAX
C. DISENGAGEMENT FORCE: 2 LB [9 N] MIN
D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN
E. TEMERATURE RANGE: -65° C TO 165° C
F. INSULATOR MATERIAL RATED TO UL94 V-0
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: AMPHENOL, SMP-MSLD-PCR, DATE CODE

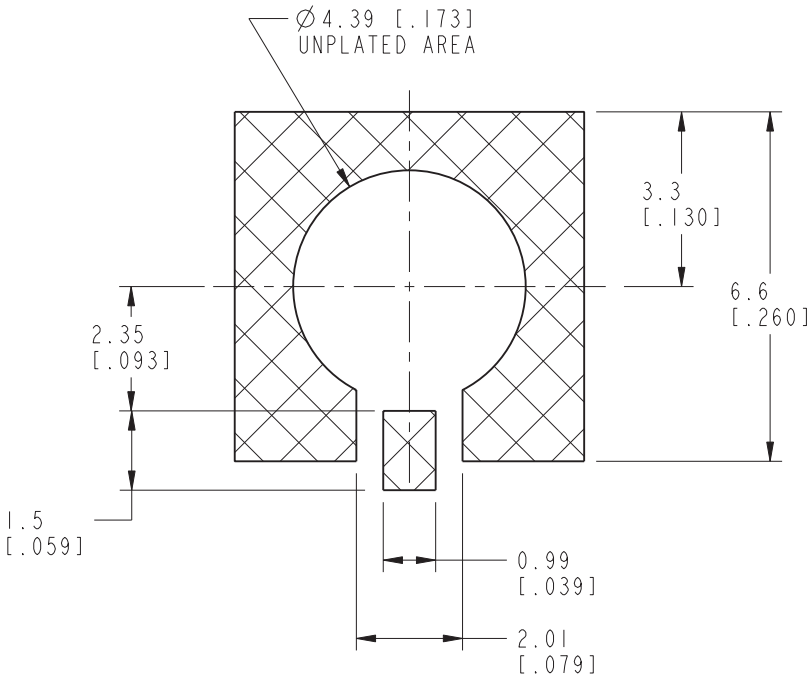
THIRD ANGLE PROJ.

REVISIONS

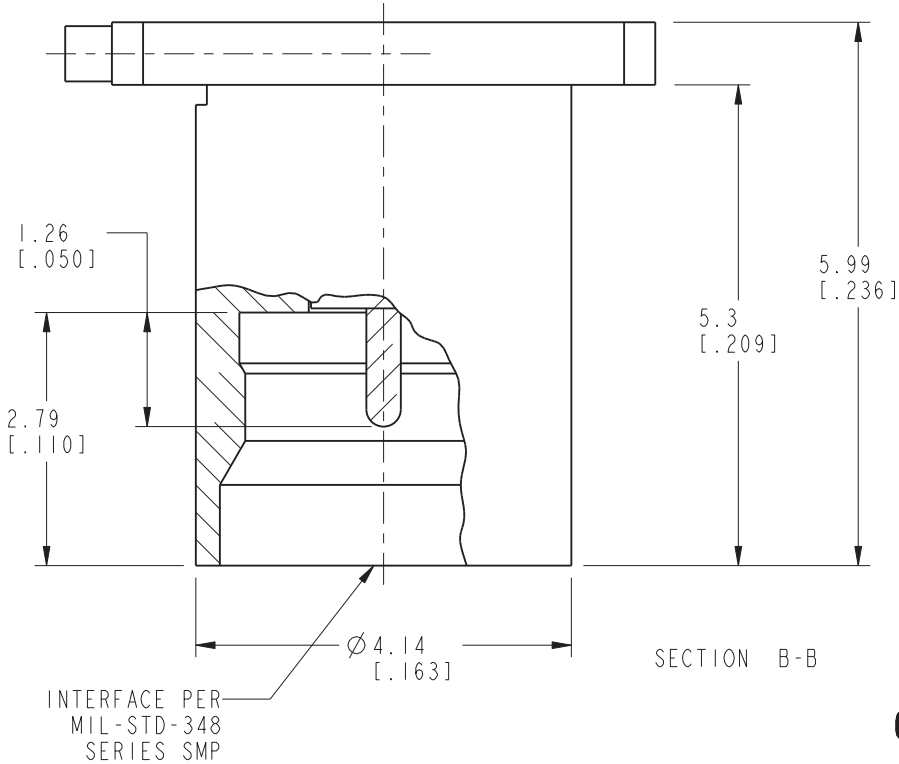
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	9/12/05	45722	MY
E	ADDED UL RATING FOR INSULATOR MATERIAL	28-Jul-11	47682	SH



SCALE 6.000



RECOMMENDED PCB PAD LAYOUT
SCALE 7.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL	DRAWN T.DENG	DATE 25-Jul-11	TITLE ASSEMBLY, PC BOARD, REAR MOUNT LIMITED DETENT		Amphenol RF www.amphenolrf.com	
	ENGINEER OWEN BARTHELMES	DATE 25-Apr-01				
	REFERENCE GEN# ASSYM2-SMP EAR# 283 615X-1690-100 CONFIGURATION LEVEL:	DATE 28-Jul-11				
	FINISH	CAD FILE	SCALE: 12.0:1.0	SHEET 2 OF 2	DWG SIZE B	REV E
					DRAWING NO.	SMP-MSLD-PCR
					ITEM NO.	SMP-MSLD-PCR
					PART NO.	SMP-MSLD-PCR