

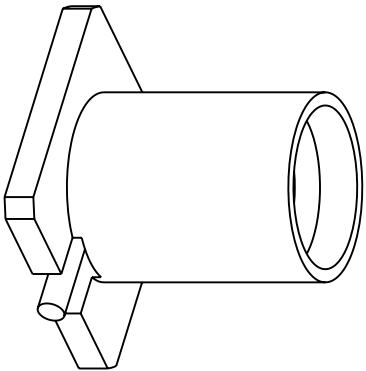
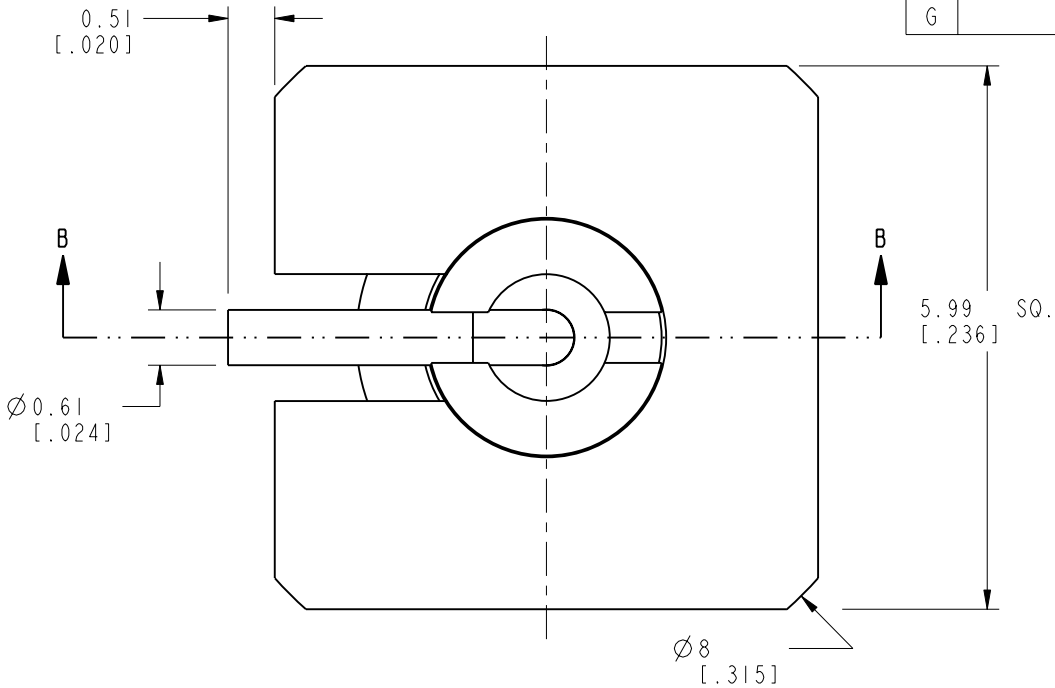
NOTES:

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. TRAY PACK
B. MARKING: AMPHENOL, SMP-MSLD-PCR, DATE CODE

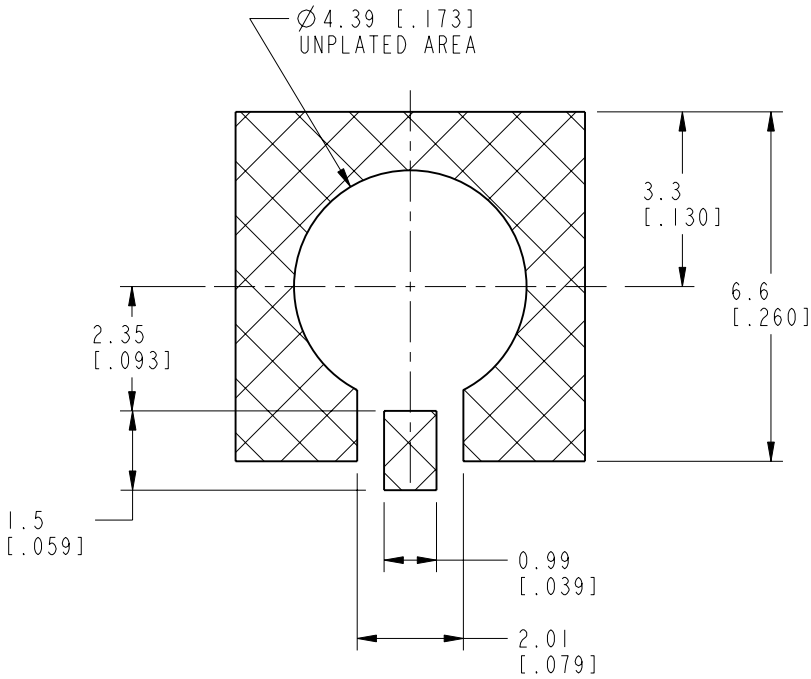
THIRD ANGLE PROJ.

REVISIONS

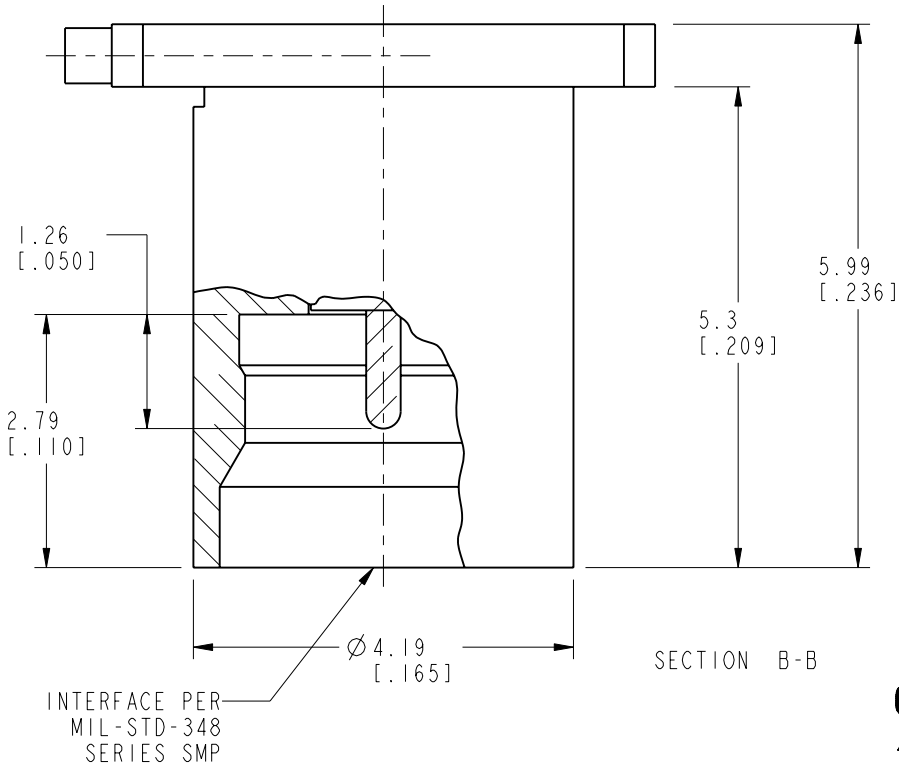
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	9/12/05	45722	MY
E	ADDED UL RATING FOR INSULATOR MATERIAL	28-Jul-11	47682	SH
F	TRAY PACK WAS SINGLE PACK	13-Nov-17	05762	SV
G	"Ø4.19" WAS "Ø4.14"	30-Jan-18	06681	SH



SCALE 6.000



RECOMMENDED PCB PAD LAYOUT
SCALE 7.000



SECTION B-B

INTERFACE PER
MIL-STD-348
SERIES SMP

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
M. ZHANG

DATE
30-Jan-18

ENGINEER
OWEN BARTHELMES

DATE
25-Apr-01

REFERENCE
GEN# ASSYM2-SMP
EAR# 283
615X-1690-100

APPROVED
S. HSIEH

DATE
30-Jan-18

CAD FILE

TITLE
ASSEMBLY,
PC BOARD, REAR MOUNT
LIMITED DETENT

SCALE: 12.0:1.0 SHEET 2 OF 2

DWG SIZE
B

REV
G

Amphenol RF

www.amphenolrf.com

DRAWING NO. SMP-MSLD-PCR

ITEM NO. SMP-MSLD-PCR

PART NO. SMP-MSLD-PCR