

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS, GOLD PLATING
CONTACT - BRASS, GOLD PLATING
INSULATOR - PEEK

2. ELECTRICAL:

- A. IMPEDANCE:50 OHM
- B. FREQUENCY RANGE: DC-10 GHz
- C. RETURN LOSS: 30 dB MIN.@ DC-4 GHz
25 dB MIN.@ 4-6 GHz
- D. INSERTION LOSS: $0.03X\sqrt{f(\text{GHz})}$ dB MAX.
- E. INSULATION RESISTANCE:5 GΩ MIN.
- F. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN.
- G. POWER HANDLING:200 W MAX.@ 2.2 GHz AT 20°C, SEA LEVEL,VSWR 1.0
- H. INTERMODULATION(3rd order):160 dBc MIN.@ (2X43dBm)

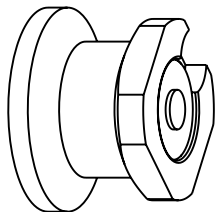
3. MECHANICAL:

- A. MATING CYCLES:1000 MIN.
- B. ENGAGEMENT FORCE: 10 N MAX
- C. DISENGAGEMENT FORCE: 2.2 N MIN
- D. INNER CONTACT RETENTION FORCE: 7 N MIN
- E. TEMPERATURE RANGE: -65° C TO 165° C

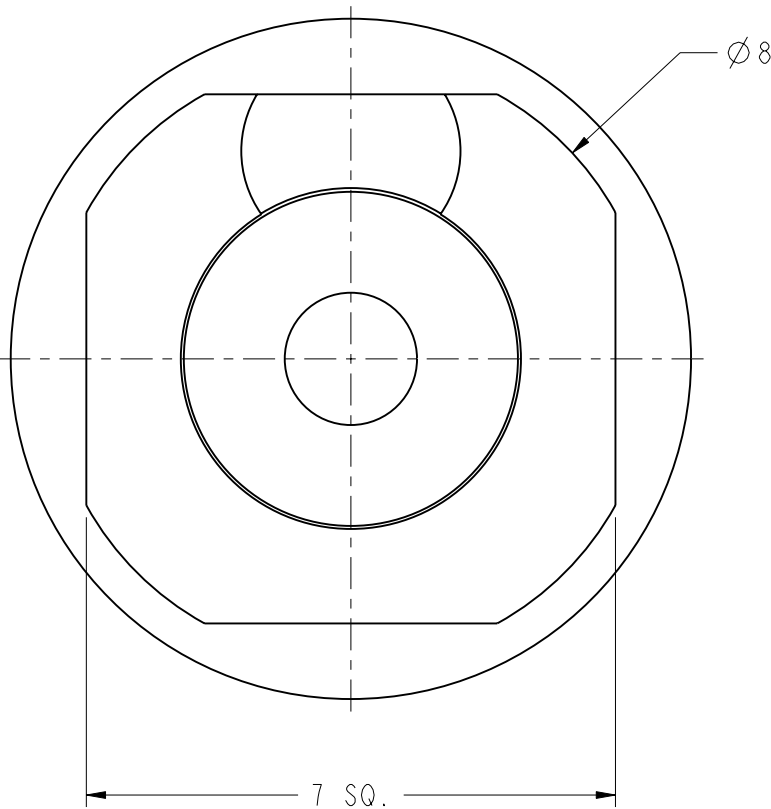
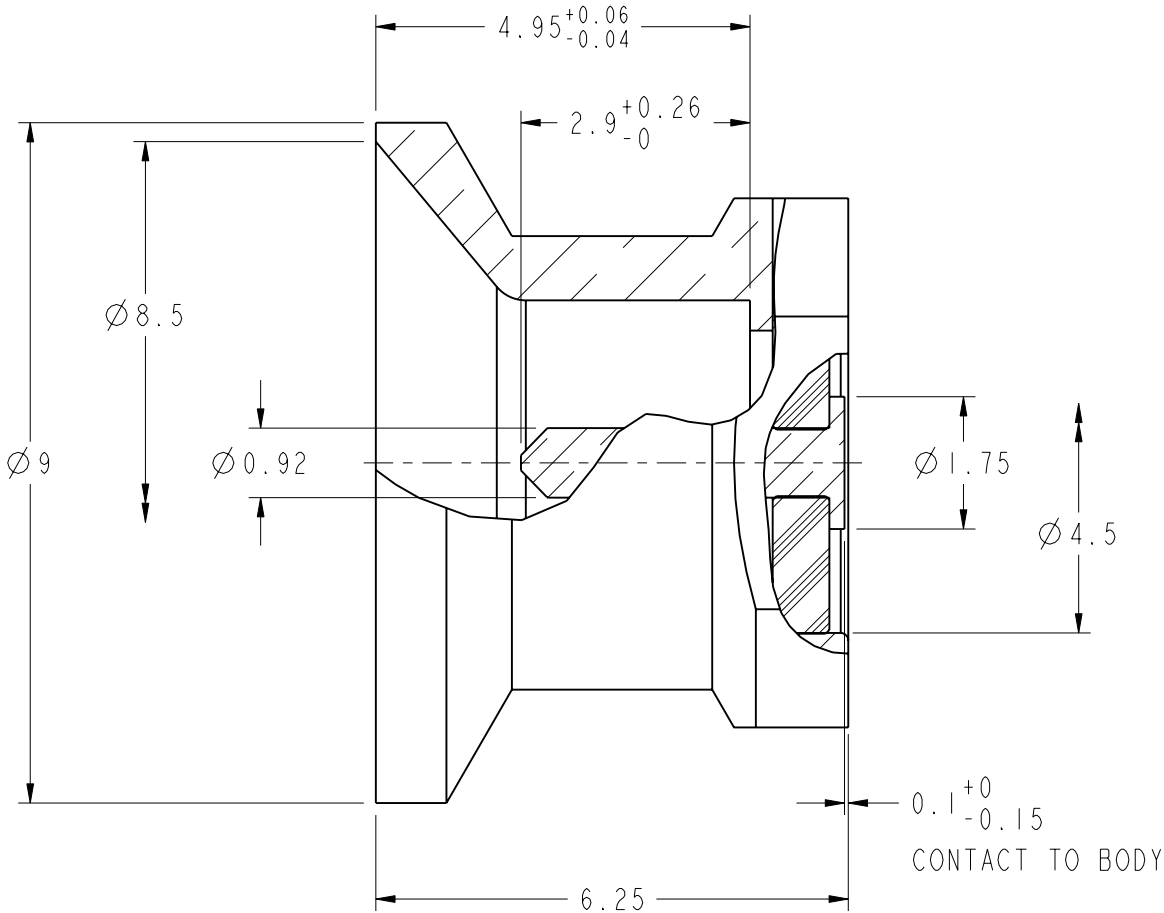
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	25-Aug-15		SW
B	TITLE WAS CHANGED, ADDED PART NO. PSMP-MSSB-PCS	19-Nov-15	50842	SW



SCALE 3.000



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°	MATERIAL	DRAWN STAMN	DATE 20-Nov-15	TITLE POWER-SMP, MALE FOR PCB SMOOTH BORE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
		ENGINEER RICKSON	DATE 26-Aug-15				
	REFERENCE EAR 6570 119S14R-40ML5	APPROVED S.HSIEH	DATE 20-Nov-15	SCALE: 10.0:1.0	SHEET 2 OF 2	DRAWING NO. PSMPI251BI-003-8GPAP8GPA-50	
	FINISH	I:\PSMP\PSMPI251BI-003-8GPAP8GPA-50		DWG SIZE B	REV B	ITEM NO. 671251ABSA12C5F PART NO. PSMP-MSSB-PCS	