

NOTES:

1. MATERIAL AND FINISH:

BODY BRASS, ALBALOY PLATING OVER SILVER
CONTACT PIN BRASS, GOLD PLATING
INSULATOR PTFE, NATURAL

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 GOHM MIN.
F. POWER HANDLING: 200 W MAX.@ 2.2 GHz AT 20°C
G. INTERMODULATION(3rd ORDER): -160 dBc MAX. @ 2X43 dBm

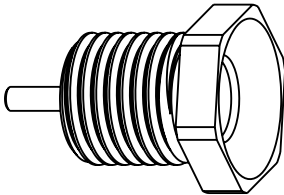
3. MECHANICAL:

- A. TEMPERATURE RANGE: -65°C TO +165°C

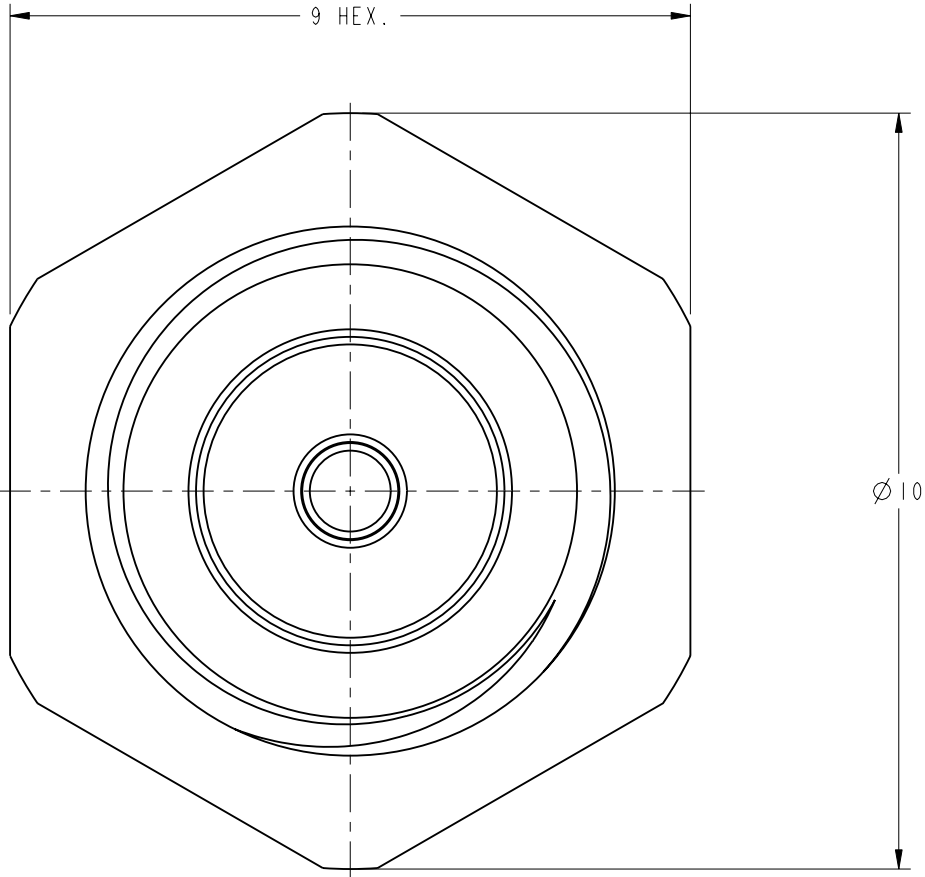
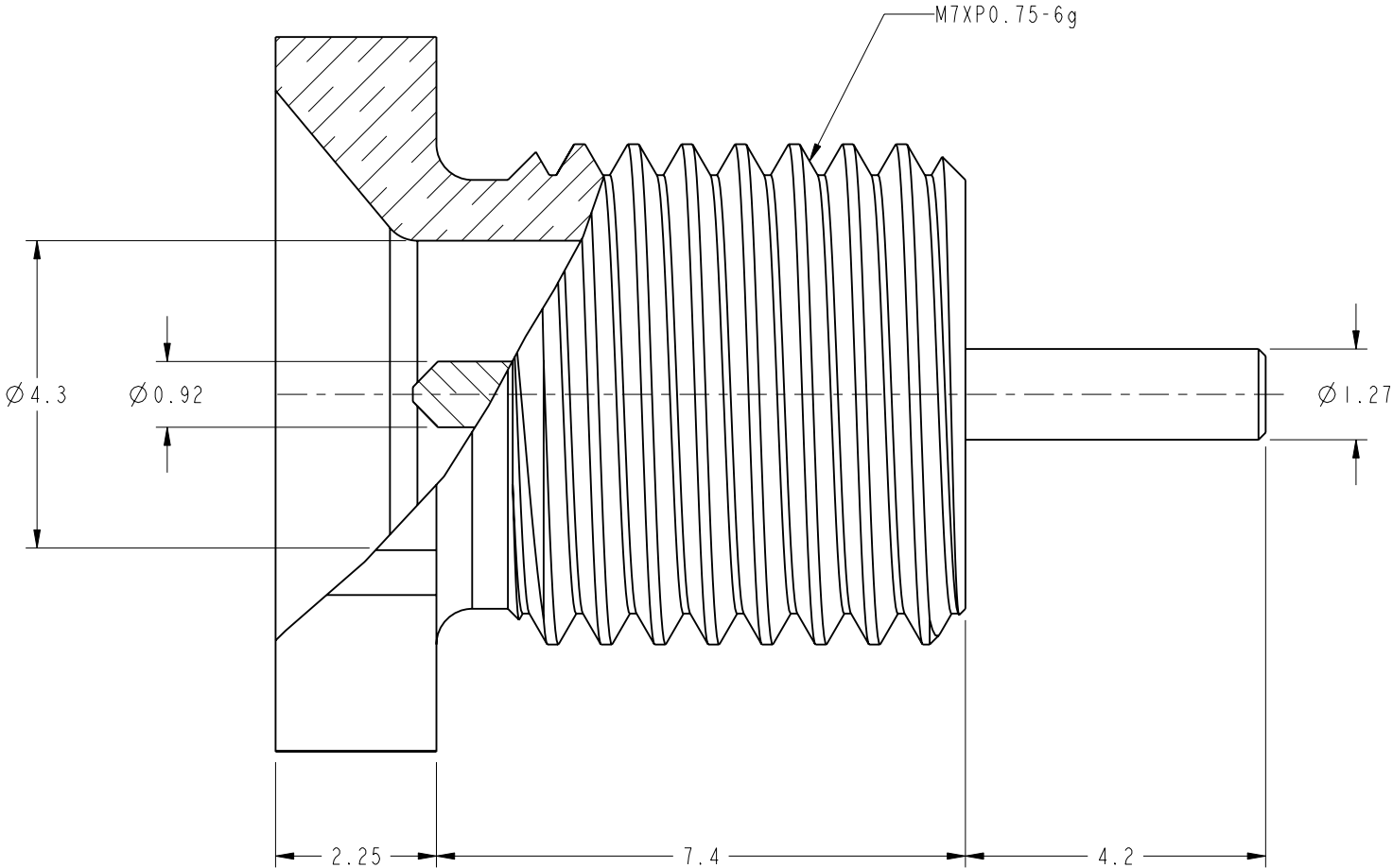
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	21-Aug-13	-----	CC
B	TITLE WAS CHANGED, ADDED PART NO.: PSMP-MSSB-CSB	29-Oct-15	-----	AY
C	CONTACT PIN WAS CHANGED	23-Nov-15	50841	BCG



SCALE 2.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

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MATERIAL	DRAWN TANGOR	DATE 23-Nov-15	TITLE POWER-SMP, MALE SMOOTH BORE		Amphenol RF www.amphenolrf.com	
	ENGINEER RICKSON	DATE 23-Nov-15				
REFERENCE EAR04995 119S643-500N5 CONFIGURATION LEVEL:	APPROVED RICKSON	DATE 23-Nov-15	SCALE: 10.0:1.0 SHEET 2 OF 2		DRAWING NO. PSMPI351A1-006-AT8GPA-50	
	CAD FILE		DWG SIZE B		REV C	ITEM NO. 671351AAF06BT5F
FINISH					PART NO. PSMP-MSSB-CSB	