

NOTES:

1. MATERIAL AND FINISH:

BODY: BERYLLIUM COPPER, ALBALOY PLATING OVER SILVER  
 CONTACT PIN: BERYLLIUM COPPER, GOLD PLATING  
 INSULATOR: PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC TO 10 GHz  
 C. RETURN LOSS: 30 dB MIN. @ DC-2 GHz  
 27 dB MIN. @ 2-4 GHz  
 24 dB MIN. @ 4-6 GHz

D. INSERTION LOSS:  $0.05X \sqrt{f(\text{GHz})}$  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 MIN. @ 2X43 dBm

3. MECHANICAL:

A. MATING CYCLES:

IF MATING PART IS SMOOTH BORE, CATCHERS MITT: 1000 CYCLES MIN.

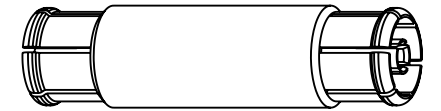
IF MATING PART IS LIMITED & FULL DETENT: 100 CYCLES MIN.

B. TEMPERATURE RANGE: -65°C TO +165°C

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	26-Aug-13		RS
B	ADDED PART NO.: PSMP-FSBA-1755, BODY AND CONTACT PIN WERE CHANGED	20-Nov-15	50843	BCG



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°

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MATERIAL	DRAWN TANGOR	DATE 20-Nov-15	TITLE PSMP BULLET 17.55mm LONG	Amphenol RF www.amphenolrf.com	
REFERENCE	ENGINEER R.CHEN	DATE 07-Nov-15		DRAWING NO. PSMP7071A2-002-AT8GPA-50	ITEM NO. 677071AABA1BT5F
FINISH	APPROVED S.HSIEH	DATE 20-Nov-15	SCALE: 10.0:1.0	SHEET 2 OF 2	PART NO. PSMP-FSBA-1755
	CAD FILE		DWG SIZE B	REV B	