

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(VSWR): 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. @ DC-6 GHz
- 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.@ 2X43dBm

3. MECHANICAL:

- A. ENGAGEMENT/DISENGAGEMENT FORCE:
 MATING WITH SMOOTH BORE: 10N MAX./2.2N MIN.
 MATING WITH LIMITED DETENT: 45N MAX./15N MIN.
 MATING WITH FULL DETENT: 68N MAX./25N MIN.
- B. MATING CYCLES:
 IF MATING PART IS SMOOTH BORE,CATCHERS MITT:1000 CYCLES MIN.
 IF MATING PART IS LIMITED&FULL DETENT:100 CYCLES MIN.
- C. TEMPERATURE RANGE: -65°C TO +165°C

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG., PART NO. WAS: 915-1002	19-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°	MATERIAL	DRAWN	DATE	TITLE PSMP BULLET 19.7mm LONG	Amphenol RF www.amphenolrf.com
	NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the finishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	REFERENCE EAR05996	ENGINEER		
CONFIGURATION LEVEL:		APPROVED		DATE	ITEM NO. 677071AAYA1BT5F
FINISH		I:\PSMP\PSMP7071A2-008-AT8GPA-50	CAD FILE		SCALE: 3.0:1.0 SHEET 2 OF 2 DWG SIZE B REV A