

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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NOTES:

I. 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 / f(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: ION 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.

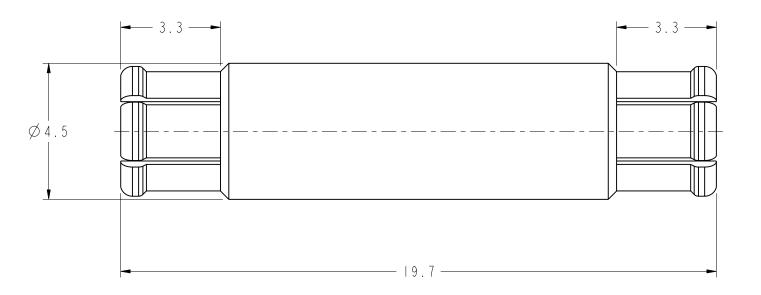
C. TEMPERATURE RANGE: -65°C TO +165°C

REVISIONS

REV DESCRIPTION DATE ECO APPR
A RELEASE TO MFG., PART NO. WAS: 915-1002 19-Nov-15 50843 BCG



SCALE 3.000



THIRD ANGLE PROJ. 🕀 🖯

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<0.5mm ± 0.05mm	0.5 - 6mm ±0.1mm		30 - 120mm ± 0.3mm	ANGLES ±1°
property of Amp	henol corp. (2)	must be returned	data (I) are, and upon requiest; and	(3) arre
are given by Am	phenol Corp. the	funishing of the	n other than those se drawings, speci son to anyone for	fications, or
not to be regar rights to permi	ded by implicatio tting such holder	in or ótherwise i or any other spe	n any manner licen rson to manufactur	sing, granting e, use or sell any
		nted or otherwsie pecifications, or	, that may in any other data.	way be related to

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

MATERIAL	DRAWN	DATE	TITLE
	ENGINEER	DATE	- PSMI
REFERENCE EAR05996	APPROVED	DATE	SCALE: 3.0
ONFIGURATION LEVEL:	CAD FILE		DV
FINISH	I:\PSMP\PSMP707		

PSMP BU 19.7mm			
LE: 3.0:1.0	SHEET	2 0	F 2
DWG SIZE		REV	

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DRAWING NO.PSMP7071A2-008

DRAWING NO	.PSMP7071A2-008-AT8GP/	4 - 5
ITEM NO.	677071AAYA1BT5F	
PART NO	PSMP-ESBA-1970	

Amphenol RF