

MAXIMUM CHARACTERISTICS

APPLICATION:

For two way radio and SCADA applications.
Non-weatherized, Bulkhead mount

SURGE:

50kA IEC 61000-4-5 8/20 μ s waveform 500J

TURN ON:

1200Vdc \pm 20%

TURN ON TIME:

7ns for 2kV/ns

FREQUENCY RANGE:

125MHz to 1000MHz

VSWR:

≤ 1.1 to 1 over frequency range

INSERTION LOSS:

≤ 0.1 dB over frequency range

MAX POWER:

500W @ 125 to 220MHz

250W @ 220 to 700MHz

125W @ 700 to 1000MHz

THROUGHPUT ENERGY:

$\leq 800\mu$ J 3kA 8/20 μ s waveform

TEMPERATURE:

Storage: -55°C to +85°C

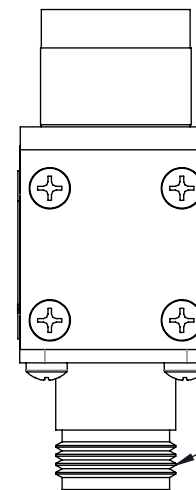
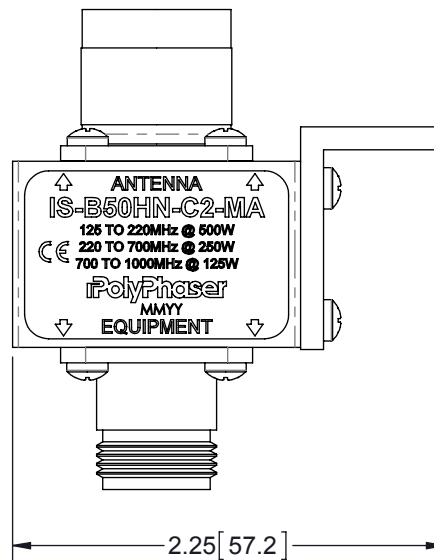
Operating: -50°C to +50°C

VIBRATION:

1G at 5Hz to 100Hz

CE COMPLIANT

RoHS COMPLIANT



'N' FEMALE

$\phi .20 [5.2]$

1.19 [30.2]



1.00 [25.4]

HARDWARE KIT INCLUDES:

QTY	DESCRIPTION
1	O-RING 114 EPDM
2	WASHER 10 INT 4-10 SS
1	NUT 10-32 HEX 18-8 SS
1	SCREW 10-32x.75 HEX MS 18-8 SS

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<div>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</div> <div>TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010</div> <div>NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED.</div> <div>THIRD-ANGLE PROJECTION</div> <div></div>	DRAWN S. HALL	DATE 10/26/98	<div></div> <div>TITLE</div> <div>BROADBAND 125-1000MHz R50 T.O. 1200Vdc N MALE-ANT</div> <div>CUSTOMER SPECIFICATION</div>			SHEET 1 OF 1
	ENG APPD J. VITELLO	11/30/98				SCALE 1:1
	PRODUCT MGR L. CHANG	11/30/98				
	MARKETING APPD R. MATHEUS	12/1/98				
	PROJECT NO.					
DOCUMENT NAME	SIZE	CAGE	PROD CAT	PART NUMBER	REV	
IS-B50HN-C2-MAC	A	61114	RFP	IS-B50HN-C2-MA	F	

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