

MAXIMUM CHARACTERISTICS

APPLICATION:

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

SURGE:

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

TURN ON:

1200Vdc ± 20%

TURN ON TIME:

7ns for 2kV/ns

FREQUENCY RANGE:

125MHz to 1000MHz

VSWR:

≤1.1 to 1 over frequency range

INSERTION LOSS:

≤0.1dB over frequency range

MAX POWER:

500W @ 125 to 220MHz

250W @ 220 to 700MHz

125W @ 700 to 1000MHz

THROUGHPUT ENERGY:

≤800µJ 3kA 8/20µs waveform

TEMPERATURE:

Storage: -55°C to +85°C

Operating: -50°C to +50°C

VIBRATION:

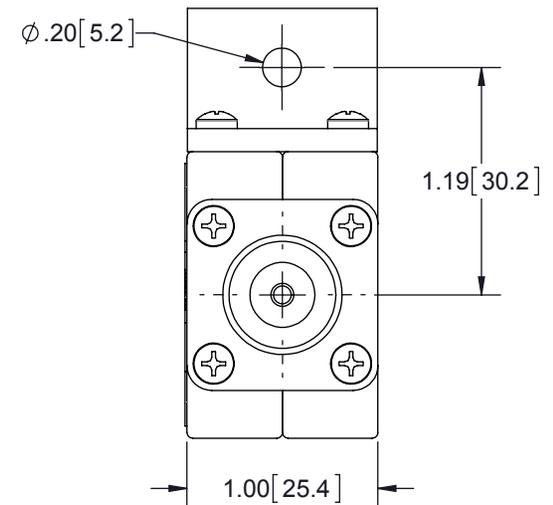
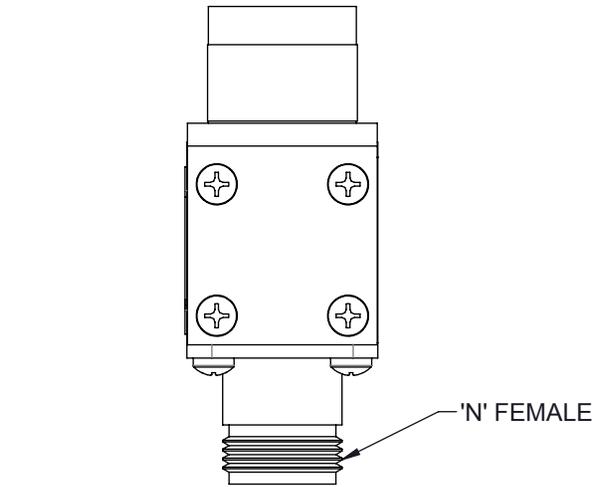
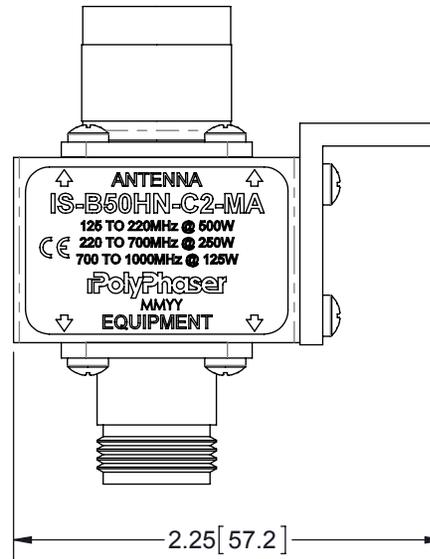
1G at 5Hz to 100Hz

CE COMPLIANT

RoHS COMPLIANT

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REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
F	REFER TO ECN	11976	8/29/13	KCB

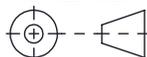


HARDWARE KIT INCLUDES:

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.

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