

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:

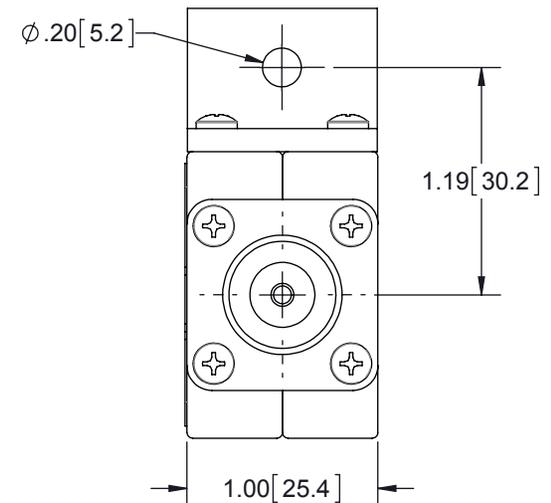
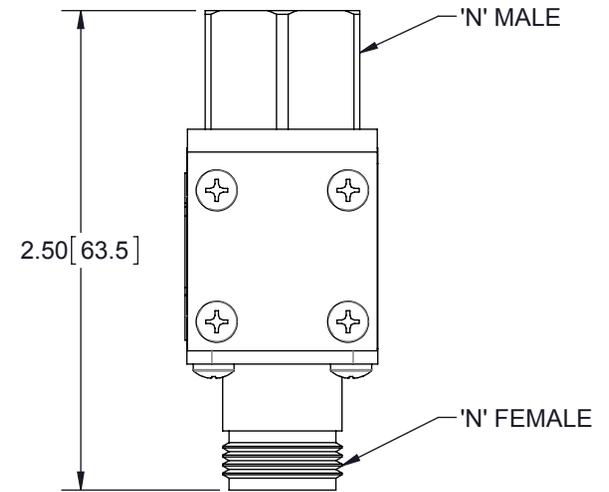
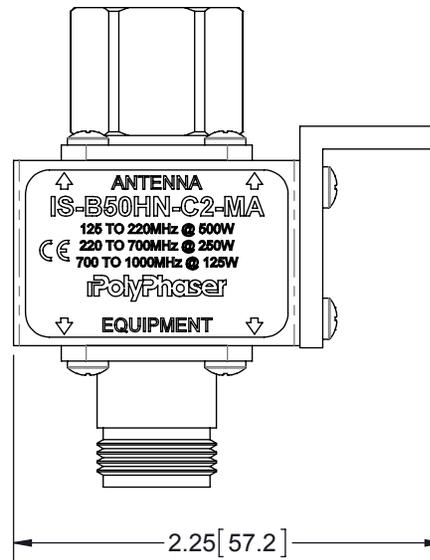
1G at 5Hz to 100Hz

CE COMPLIANT

RoHS COMPLIANT

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

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

