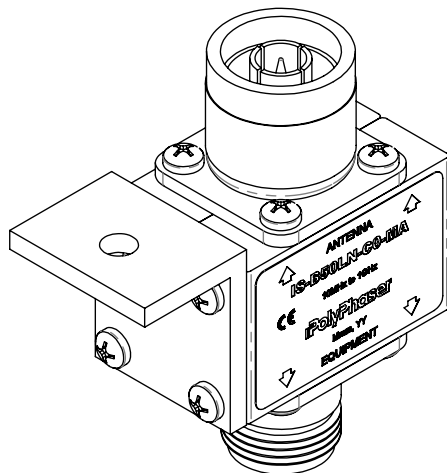




MAXIMUM CHARACTERISTICS

APPLICATION:

FOR TWO WAY RADIO AND SCADA APPLICATIONS
NON-WEATHERIZED, BULKHEAD MOUNT

SURGE:

20kA IEC 61000-4-5 8/20μs WAVEFORM MULTIPLE

TURN-ON:

600Vdc ±20%

TURN-ON TIME:

2.5ns for 2kV/ns

FREQUENCY RANGE:

10MHz to 1GHz

VSWR:

≤ 1.1 to 1 OVER FREQUENCY RANGE

INSERTION LOSS:

≤ 0.1dB OVER FREQUENCY RANGE

MAX POWER:

1.5kW @ 10 to 50MHz

375W @ 50 to 220MHz

125W @ 220 to 700MHz

50W @ 700 to 1000MHz

THROUGHPUT ENERGY:

≤ 3.5mJ @ 3kA 8/20μs WAVEFORM

TEMPERATURE:

STORAGE: -55°C to +85°C

OPERATING: -50°C to +50°C

VIBRATION:

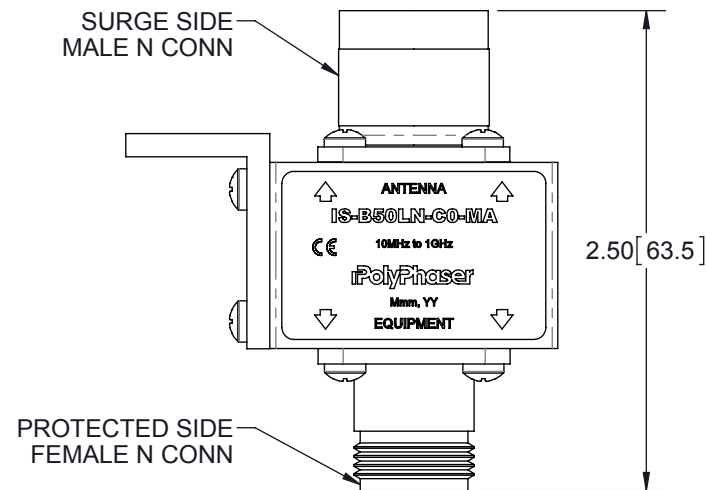
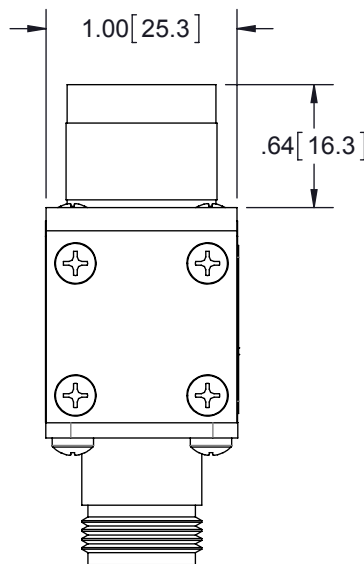
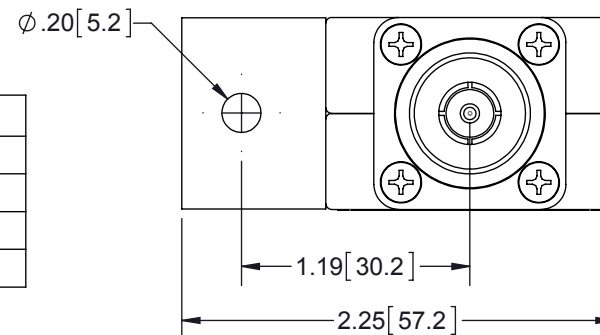
1G up to 100Hz

CE COMPLIANT

RoHS COMPLIANT

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.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010 NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED. THIRD-ANGLE PROJECTION 	DRAWN	JC	DATE					SHEET	1	OF	1
	ENG APPD	OA	3/5/96						SCALE	1:1	
	PRODUCT MGR	TK	3/5/96	TITLE	BROADBAND 10MHz TO 1GHz N FEM BLKH CUSTOMER SPECIFICATION						
	MARKETING APPD	RM	3/5/96								
	PROJECT NO.										
DOCUMENT NAME	SIZE	CAGE	PROD CAT	PART NUMBER	REV						
IS-B50LN-C0-MAC	A	30992	RFP	IS-B50LN-C0-MA	G						