

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

THROUGHTPUT ENERGY:
≤ 3.5mJ @ 3kA 8/20µs WAVEFORM

TEMPERATURE:
STORAGE: -55°C to +85°C
OPERATING: -50°C to +50°C

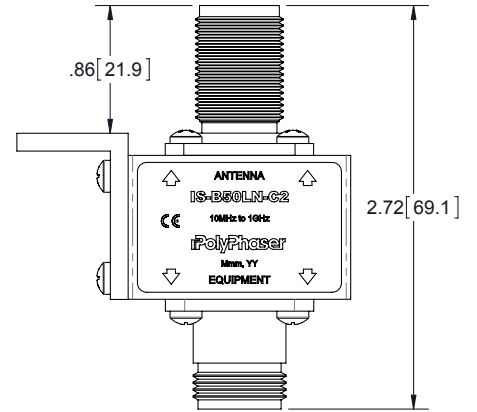
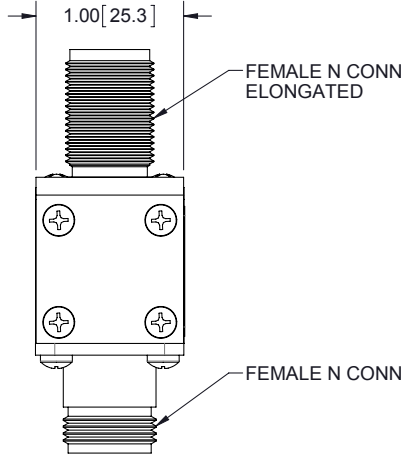
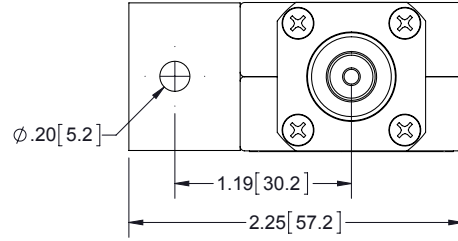
VIBRATION:
1G up to 100Hz

CE COMPLIANT
RoHS COMPLIANT

HARDWARE KIT INCLUDES:

QTY	DESCRIPTION
1	SCREW 10-32x.75 HEX MS 18-8 SS
1	NUT 10-32 HEX 18-8 SS
2	WASHER 10 INT 4-10 SS
1	NUT 5/8-24 303 HEX SS
1	WASHER 5/8 410 SS
1	O-RING 114 EPDM

REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
K	REFER TO ECN	13503	12/11/2015	TMP



CUSTOMER APPROVAL: _____ DATE: _____
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	DRAWN M. JOHNSON	DATE 7/11/94	SHEET 1 OF 1
	ENG APPD K. BARTEL	5/1/95	
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° XXX=± .010	PRODUCT MGR R. MATHEUS	5/1/95	TITLE BROADBAND 10MHz TO 1GHz N FEM BLKH CUSTOMER SPECIFICATION
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THIRD-ANGLE PROJECTION 	DOCUMENT NAME IS-B50LN-C2-C	SIZE A	CAGE 30992
		PROD CAT RFP	PART NUMBER IS-B50LN-C2
			REV K

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