

HARDWARE KIT INCLUDES:	
QTY	DESCRIPTION
1	O-RING 114 EPDM
1	WASHER 5/8 410 SS
1	NUT 5/8-24 303 HEX SS
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

MAXIMUM CHARACTERISTICS

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

SURGE:
50kA IEC 61000-4-5 8/20ms WAVEFORM (TESTED)
20kA (RATED)

TURN-ON:
1,200Vdc ±20%

TURN-ON TIME:
7ns FOR 2kV/ns

FREQUENCY RANGE:
125MHz TO 1,000MHz

VSWR:
≤1.1:1 OVER FREQUENCY RANGE

INSERTION LOSS:
≤ 0.1dB OVER FREQUENCY RANGE

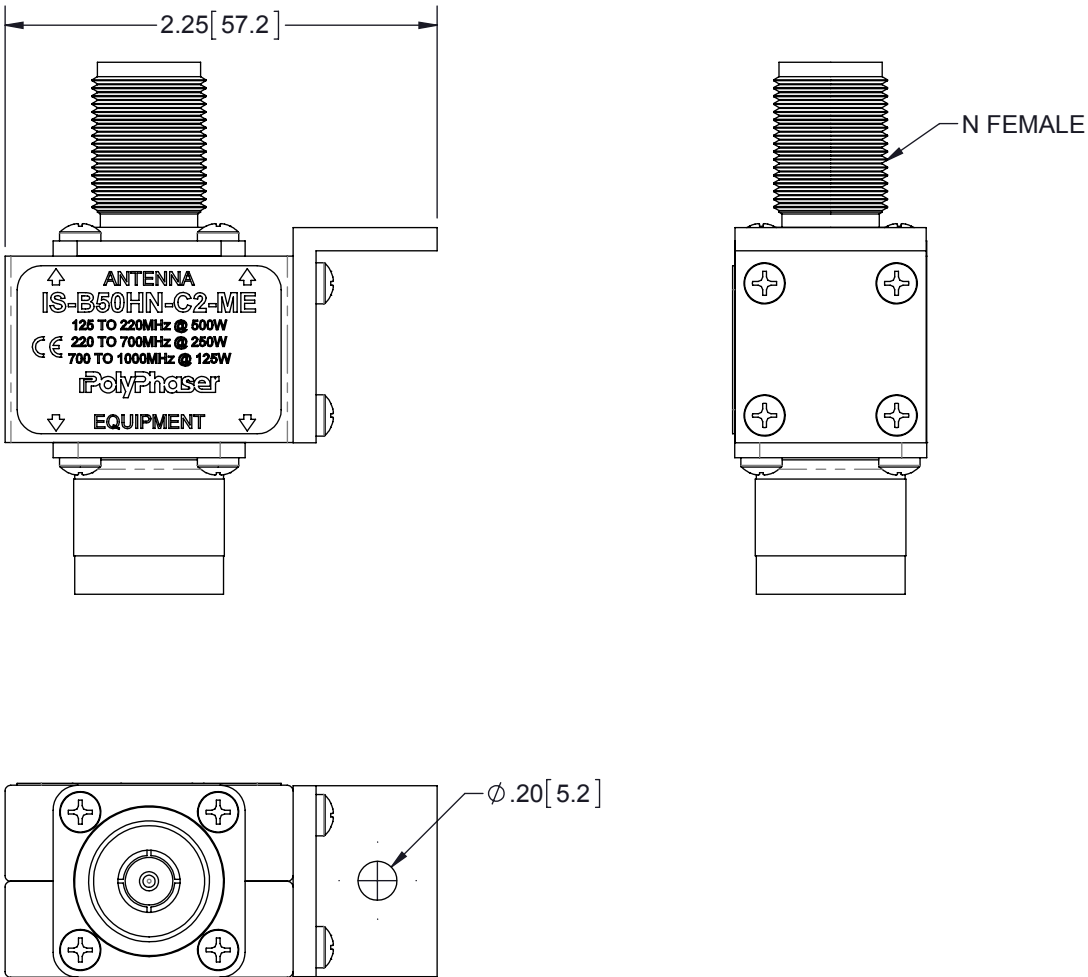
MAX POWER:
500W @ 125MHz TO 220MHz
250W @ 220MHz TO 700MHz
125W @ 700MHz TO 1000MHz

THROUGHPUT ENERGY:
≤800µJ FOR 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



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>	<div>DRAWN M. JOHNSON</div> <div>ENG APPD K. BARTEL</div> <div>PRODUCT MGR</div>	<div>DATE 8/11/94</div> <div>8/11/94</div>	<div></div>			<div>SHEET 1</div> <div>OF 1</div>
	<div>MARKETING APPD R. MATHEUS</div> <div>PROJECT NO.</div>	<div>8/11/94</div>	<div>TITLE</div> <div>BROADBAND 125-1000MHz R50 T.O. 1200Vdc N MALE-EQ</div>			<div>SCALE 1:1</div>
	<div>DOCUMENT NAME</div> <div>IS-B50HN-C2-MEC</div>		<div>CUSTOMER SPECIFICATION</div>			
			<div>SIZE</div> <div>A</div>	<div>CAGE</div> <div>61114</div>	<div>PROD CAT</div> <div>RFP</div>	<div>PART NUMBER</div> <div>IS-B50HN-C2-ME</div>
						<div>REV</div> <div>G</div>