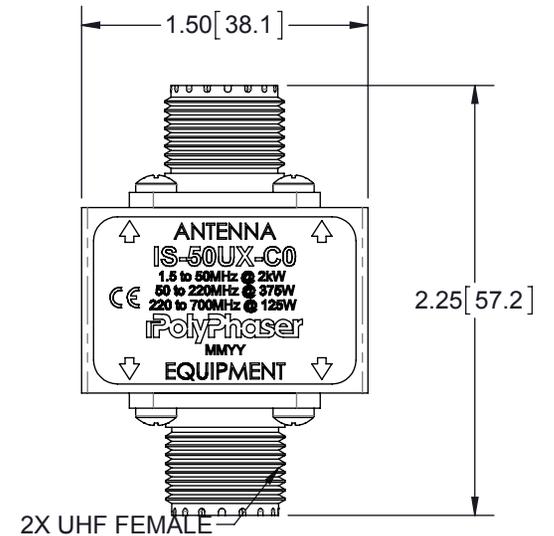
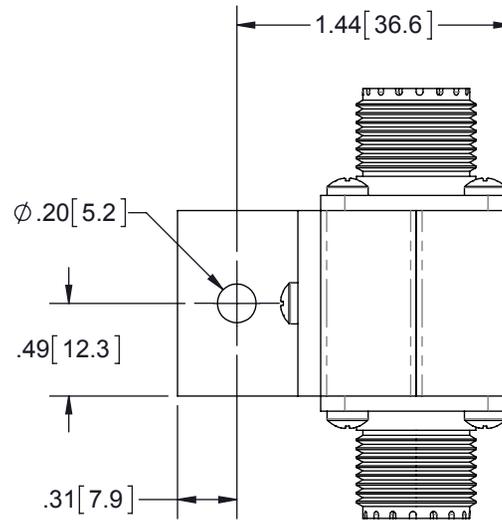
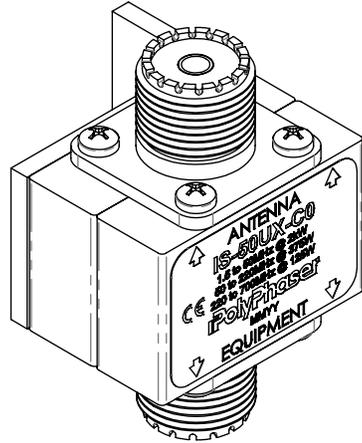


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
J	REFER TO ECN	11976	8/29/13	KCB



### MAXIMUM CHARACTERISTICS

#### APPLICATION:

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

#### SURGE:

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

#### TURN ON:

600Vdc ± 20%

#### TURN ON TIME:

2.5ns for 2kV/ns

#### FREQUENCY RANGE:

1.5MHz to 700MHz

#### VSWR:

≤1.2 to 1 over frequency range

#### INSERTION LOSS:

≤0.1dB over frequency range

#### MAX POWER:

2kW @ 1.5 to 50MHz

375W @ 50 to 220MHz

125W @ 220 to 700MHz

#### THROUGHPUT ENERGY:

≤10mJ 3kA 8/20µs waveform

#### TEMPERATURE:

Storage: -55°C to +85°C

Operating: -50°C to +50°C

#### VIBRATION:

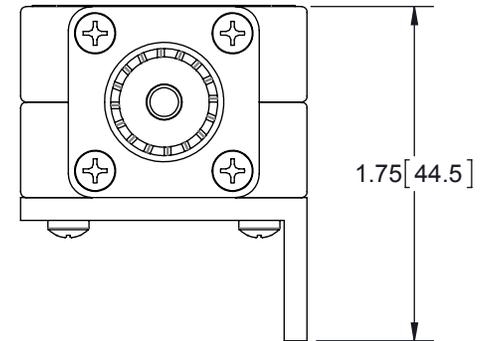
1G at 5Hz to 100Hz

#### CE COMPLIANT

#### RoHS COMPLIANT

#### HARDWARE KIT INCLUDES:

QTY	DESCRIPTION
1	SCREW 10-32 X .50 SLOT F PAN 4-10 SS
1	SCREW 10-32x.50 SLOT MS PAN 18-8 SS
1	NUT 10-32 HEX 18-8 SS
2	WASHER 10 EXT TOOTH 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 <b>J. CALLISTER</b> ENG APPD <b>O. AKDAG</b> PRODUCT MGR <b>K. BARTEL</b> MARKETING APPD <b>R. MATHEUS</b> PROJECT NO.	DATE 3/19/98 4/1/98 3/23/98 3/27/98	SHEET 1 OF 1 SCALE 1:1				
	<b>PolyPhaser</b>		TITLE <b>BROADBAND 1.5-700MHz R50 T.O. 600Vdc UHF FEM</b> <small>CUSTOMER SPECIFICATION</small>				
	THIRD-ANGLE PROJECTION 	DOCUMENT NAME <b>IS-50UX-C0-C</b>	SIZE <b>A</b>	CAGE <b>61114</b>	PROD CAT <b>RFP</b>	PART NUMBER <b>IS-50UX-C0</b>	REV <b>J</b>
	<small>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.</small>						