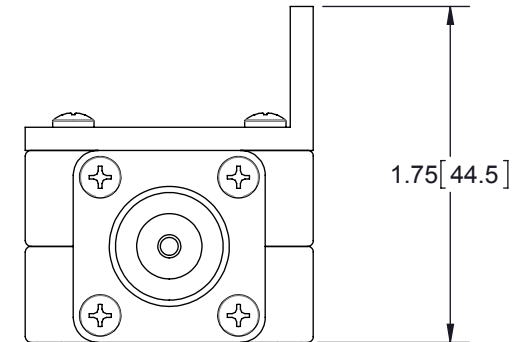


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
G	REFER TO ECN	11976	8/29/13	KCB

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



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:

≤1.1 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

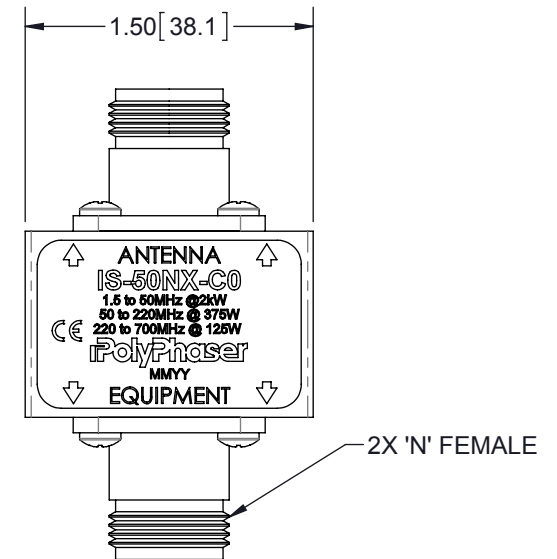
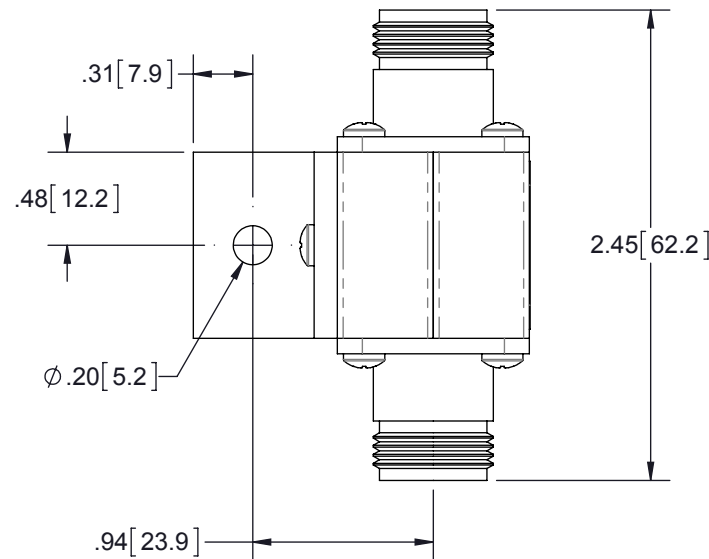
Operating: -50°C to +50°C

VIBRATION:

1G at 5Hz to 100Hz

CE COMPLIANT

RoHS COMPLIANT



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 J. CALLISTER	DATE 2/24/98					SHEET 1 OF 1
	ENG APPD O. AKDAG	3/20/98					SCALE 1:1
	PRODUCT MGR K. BARTEL	3/16/98	TITLE BROADBAND 1.5-700MHz R50 T.O. 600Vdc N FEM CUSTOMER SPECIFICATION				
	MARKETING APPD R. MATHEUS	3/20/98					
	PROJECT NO.						
DOCUMENT NAME IS-50NX-C0-C	SIZE A	CAGE 61114	PROD CAT RFP	PART NUMBER IS-50NX-C0	REV G		