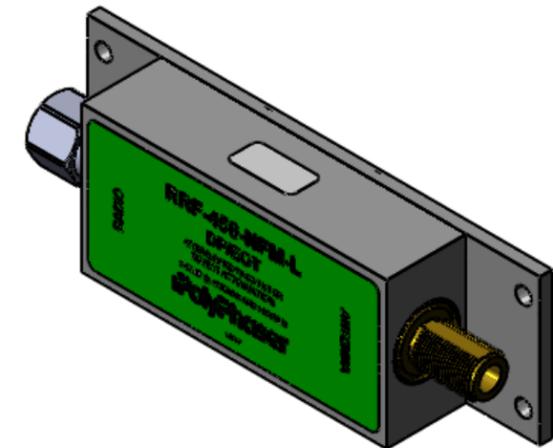
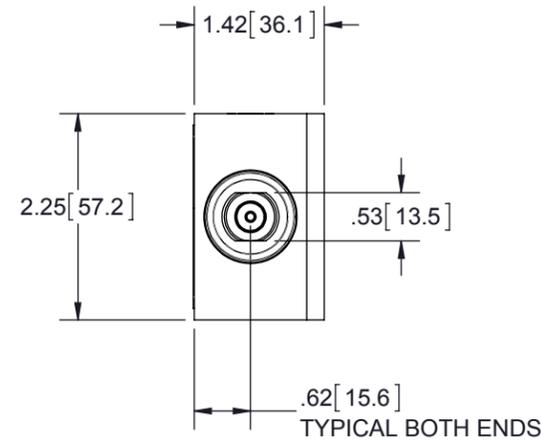
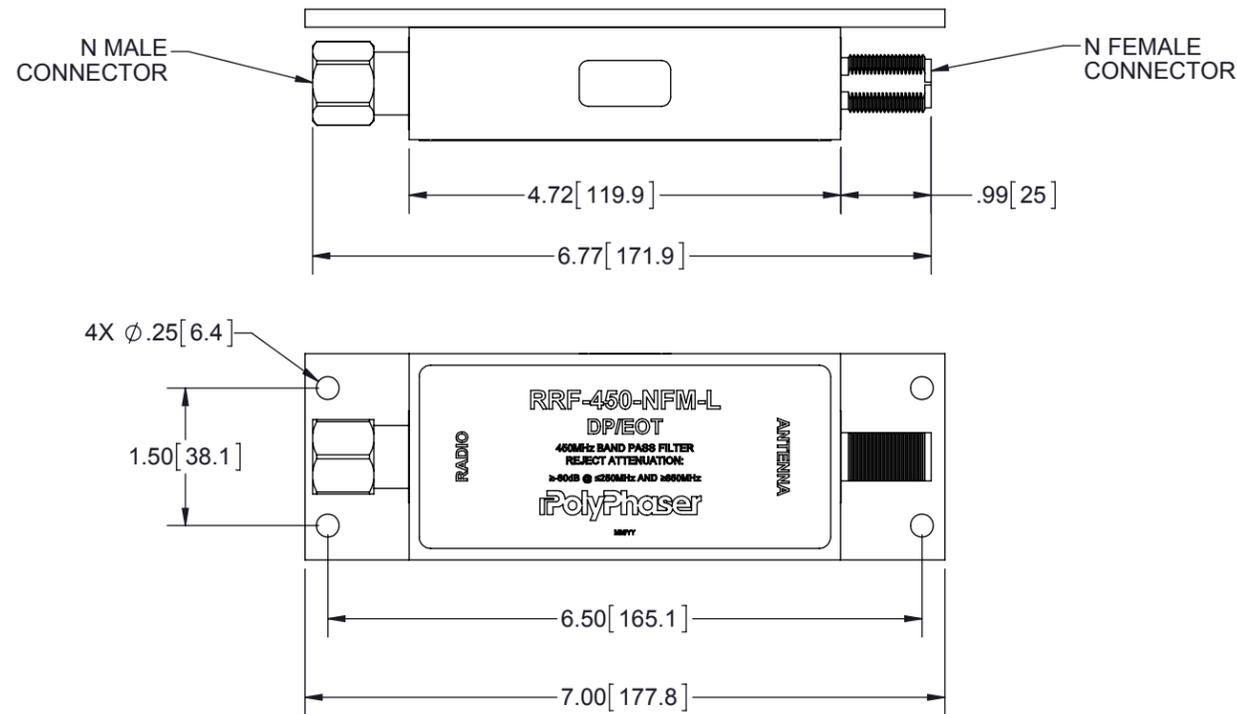


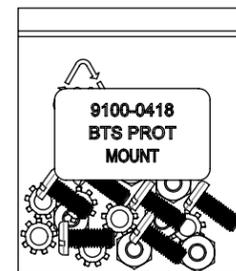
REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
C	REFER TO ECN	13192	3/31/15	EJD



MAXIMUM CHARACTERISTICS

APPLICATION:
WEATHERIZED SURGE AND FILTER DEVICE
FOR CO-LOCATED 160MHz, 220MHz & 450MHz
COMMUNICATION SYSTEMS
PANEL MOUNTING

RF SPECIFICATIONS:
450MHz BAND PASS FILTER:
450MHz - 460MHz
RETURN LOSS: ≥ 20 dB TYPICAL
INSERTION LOSS: ≤ 1.5 dB TYPICAL
BAND REJECTION:
INSERTION LOSS ≥ -60 dB @ ≤ 250 MHz
 ≥ -60 dB @ ≥ 650 MHz TO 1GHz
RF POWER:
100W CONTINUOUS



HARDWARE KIT

QTY	DESCRIPTION
4	WASHER 10 EXT TOOTH SS STAINLESS STEEL
4	NUT 10-32 HEX 18-8 SS
4	SCREW 10-32X .50 SLOT MS PAN 18-8 SS

SURGE SPECIFICATIONS:
TURN-ON:
90V $\pm 20\%$
MAX SURGE:
10kA IEC 61000-4-5, 8/20 μ s WAVEFORM
THROUGHPUT ENERGY/VOLTAGE:
 < 10 nJ FOR 3kA, 8/20 μ s WAVEFORM
 < 500 mVpk

ENVIRONMENTAL:
MEETS IEC 60529 IP67
MEETS BELL CORE #TA-NWT-000487
PROCEDURE 4.11, WIND DRIVEN (120MPH)
RAIN INTRUSION TEST.
 -40°C TO $+85^{\circ}\text{C}$ (STORAGE/OPERATING)

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.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	DRAWN	HMB	DATE	8/22/12
	ENG APPD	LC		11/20/12
	PRODUCT MGR	SJD		11/20/12
	MARKETING APPD	LJ		11/27/12
MATERIAL	PROJECT NO.			
THIRD-ANGLE PROJECTION	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSECTOR SYSTEMS. ALL RIGHTS RESERVED.			

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

PolyPhaser				
TITLE 450MHz BAND PASS FILTER CUSTOMER SPECIFICATION				
SIZE	CAGE	PART NUMBER	REV	
B	30992	RRF-450-NFM-L	C	
SCALE	PROD CAT	DOCUMENT NAME	SHEET	OF
1:2	RFP	RRF-450-NFM-L-C	1	1