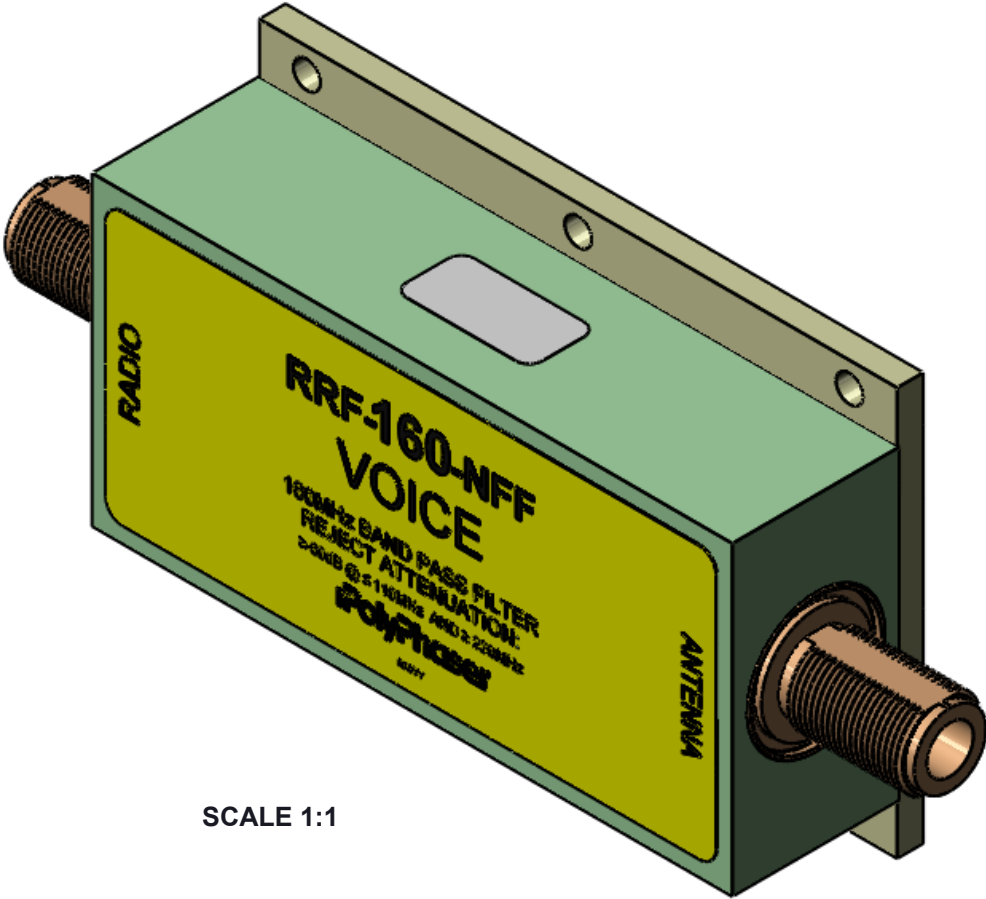
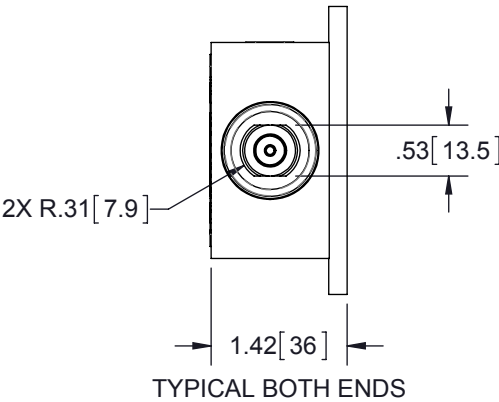
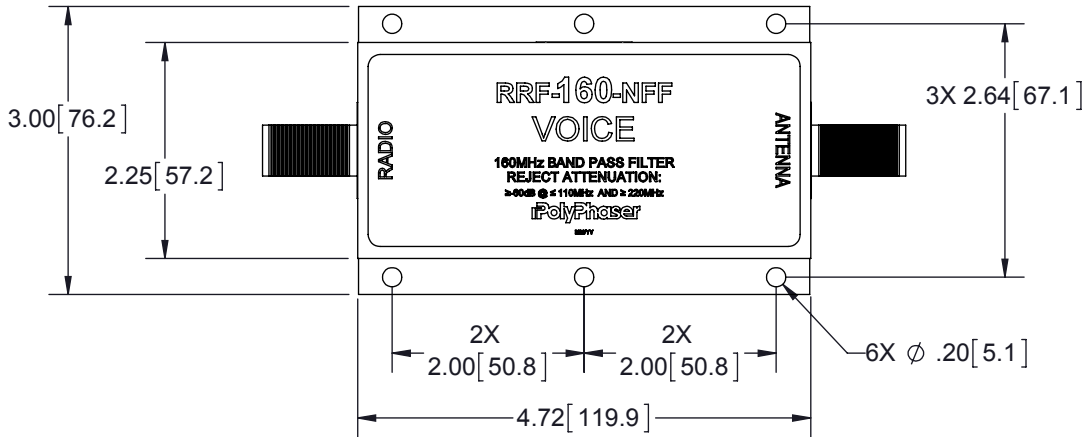
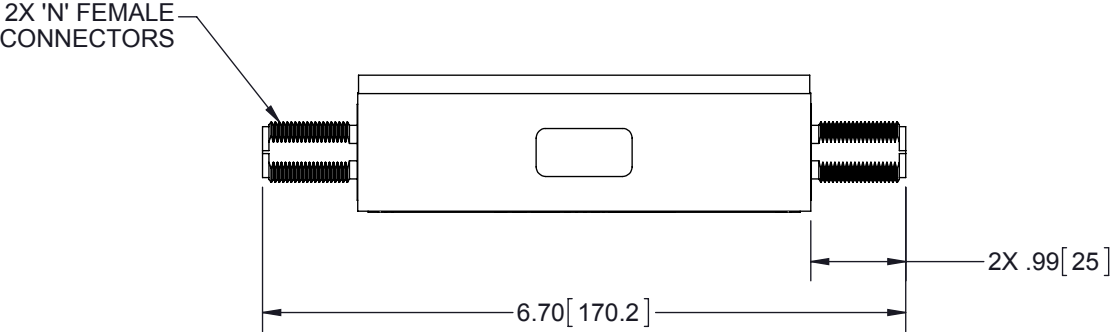


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
D	REFER TO ECN	13192	3/31/2015	EJD



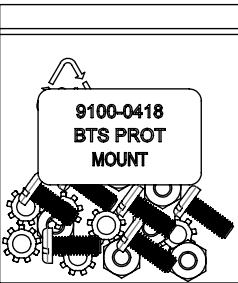
MAXIMUM CHARACTERISTICS

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

RF SPECIFICATIONS:
160MHz BAND PASS FILTER:
160MHz - 163MHz
RETURN LOSS: ≥20dB TYPICAL
INSERTION LOSS: ≤0.8dB TYPICAL
BAND REJECTION:
INSERTION LOSS ≥-60dB @ ≤110MHz
≥-60dB @ ≥220MHz
RF POWER:
100W CONTINUOUS

SURGE SPECIFICATIONS:
TURN-ON:
90V ±20%
MAX SURGE:
10kA IEC 61000-4-5, 8/20μs WAVEFORM
THROUGHPUT ENERGY:
<50μJ FOR 3kA, 8/20μs WAVEFORM

ENVIRONMENTAL:
MEETS IEC 60529 IP67
MEETS BELLCORE #TA-NWT-000487
PROCEDURE 4.11, 120MPH WIND DRIVEN
RAIN INTRUSION TEST
-40°C TO +85°C (STORAGE/OPERATING)


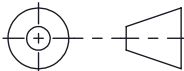


HARDWARE KIT

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

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		DRAWN	DPM		DATE	<div></div>			
		ENG APPD	JJ		5/23/12				
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1 ° .XXX=± .010		PRODUCT MGR	SJD		5/23/12	TITLE 160MHz BAND PASS FILTER			
		MARKETING APPD	LJ		5/24/12				
MATERIAL		PROJECT NO.		DD83020		CUSTOMER SPECIFICATION			
THIRD-ANGLE PROJECTION 		NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSECTOR SYSTEMS. ALL RIGHTS RESERVED.		SIZE	CAGE	PART NUMBER		REV	
				B	30992	RRF-160-NFF		D	
				SCALE	1:2	PROD CAT	RFP	DOCUMENT NAME	RRF-160-NFF-C

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