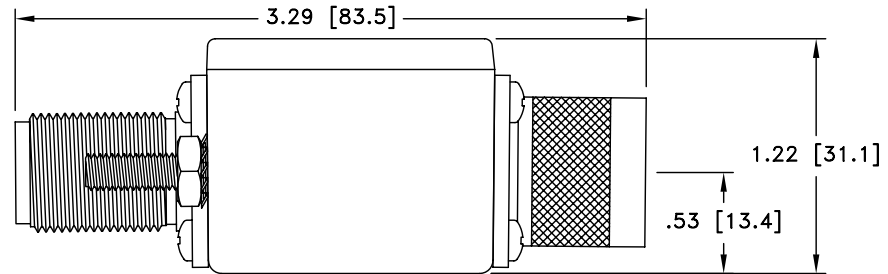
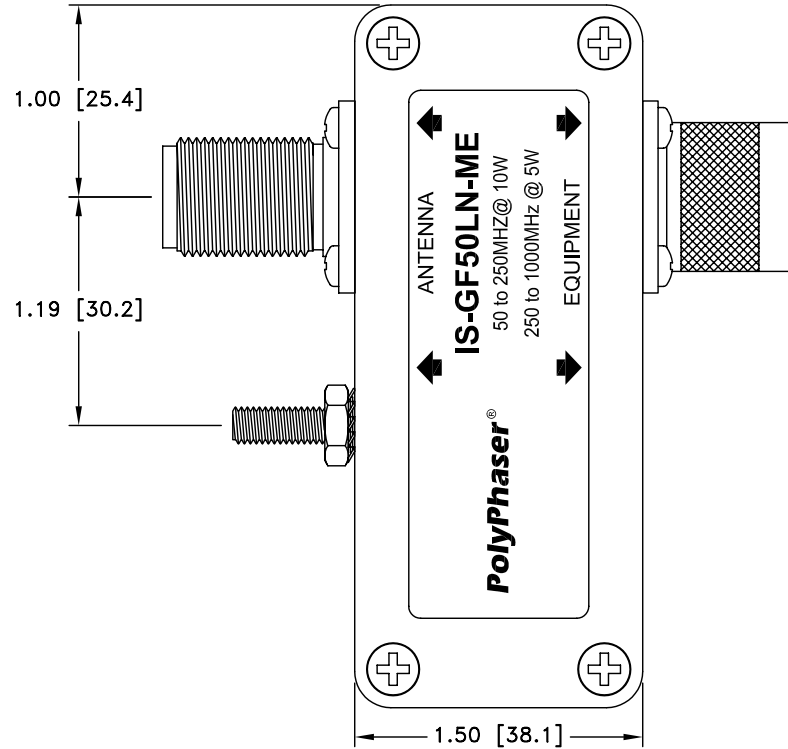
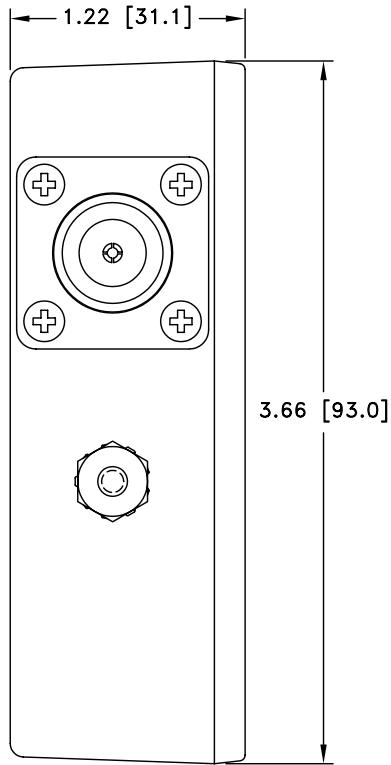


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REVISIONS				
REV LTR	DATE	ENG	MKTG	Q.A.
A	01/15/01 <sub>IB</sub>	KCB	PH	RM
B	11/10/03 <sub>RS</sub>	KCB	SD	LJ



CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

### MAXIMUM CHARACTERISTICS

**SURGE:**  
18kA IEC 61000-4-5 8/20 $\mu$ s WAVEFORM 110 JOULES

**TURN-ON:**  
90V $\pm$ 20%

**TURN-ON TIME:**  
4ns FOR 2kV/ns

**FREQUENCY RANGE:**  
50MHz TO 1GHz


**VSWR:**  
 $\leq$ 1.2 TO 1 OVER FREQUENCY RANGE

**THROUGHPUT ENERGY:**  
 $\leq$ 35 $\mu$ J

**MAX. POWER:**  
HF 10W, VHF 5W

**INSERTION LOSS:**  
 $\leq$ 0.3dB OVER FREQUENCY RANGE

**TEMPERATURE:**  
-40°C TO +85°C STORAGE/OPERATING +50°C

DRAFTER C. GASPARINI	DATE 09/28/98	 P.O. BOX 9000 MINDEN, NY 89423 TEL: 775-782-2511 FAX: 775-782-4476 DWG NO/PART NO/DESCRIPTION <b>IS-GF50LN-ME</b> CUSTOMER PRINT			
MECH ENGINEER J. VITELLO	DATE 11/11/98				
ELEC ENGINEER K. BARTEL	DATE 11/10/98				
MARKETING - - - -	DATE - - - -				
QUALITY DEPT R. MATHEUS	DATE 11/10/98	CAGE CODE 61114	FILE NAME -C1	SCALE 1/1	SHEET 1 OF 1