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MAXIMUM CHARACTERISTICS

SURGE:
50kA IEC 1000-4-5 8/20 μ s WAVEFORM 500J

TURN-ON:
600Vdc \pm 20%

TURN-ON TIME:
2.5ns FOR 2kV/ns

MAX POWER:
VHF 375W, UHF 125W

FREQUENCY RANGE:
50MHz TO 700MHz

VSWR:
 \leq 1.2:1 @ 50 TO 60MHz
 \leq 1.1:1 @ 60 TO 700MHz

INSERTION LOSS:
 \leq 0.1dB OVER FREQUENCY RANGE

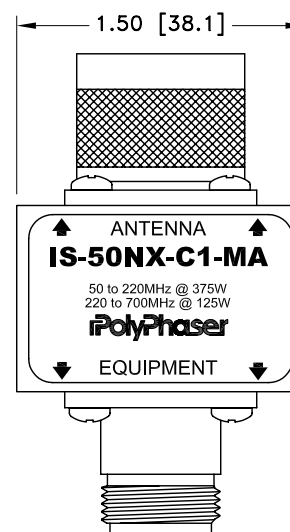
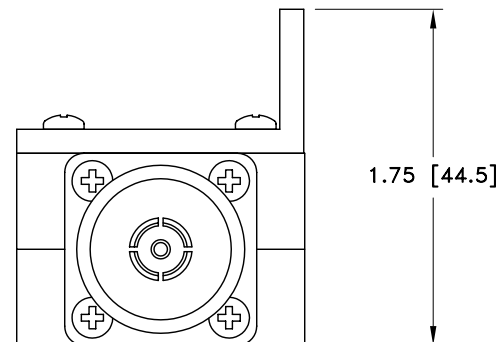
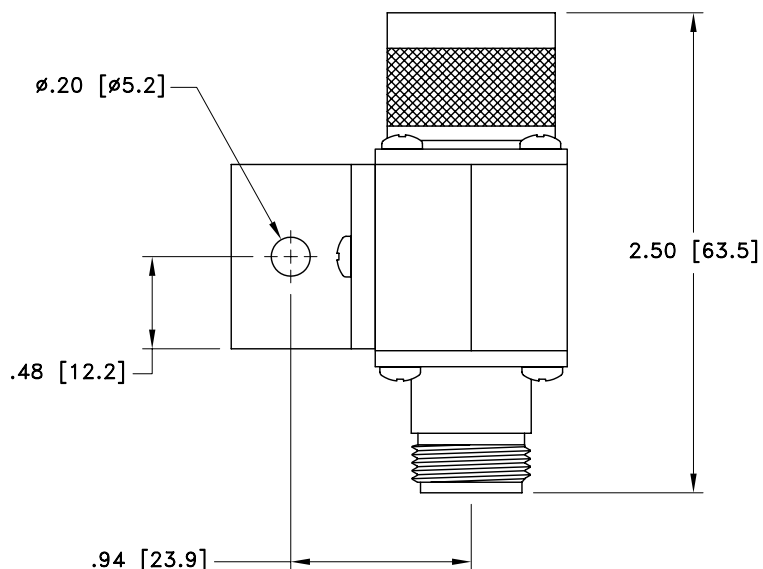
THROUGHPUT ENERGY:
 \leq 600 μ J FOR 2kV/ns

TEMPERATURE:
-45°C TO +85°C STORAGE/OPERATING +50°C

VIBRATION:
1G @ 5Hz TO 100Hz


REVISIONS

REV LTR	DATE	ENG	MKTG	Q.A.
A	01/15/01 ^{SH}	KCB	PH	RM
B	02/04/03 ^{SH}	LC	PH	LJ



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

DRAFTER S. HALL	DATE 07/14/99	 P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476 IS-50NX-C1-MA CUSTOMER PRINT		
MECH ENGINEER M. MATTSON	DATE 03/17/00			
ELEC ENGINEER K. BARTEL	DATE 03/20/00			
MARKETING R. JUCHEM	DATE 03/21/00			
QUALITY DEPT J. BERNARD	DATE 03/20/00			
CAGE CODE 61114	FILE NAME -C1	SCALE 1/1	SHEET 1 OF 1	