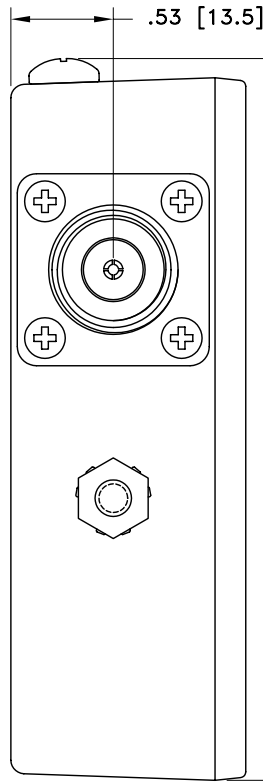
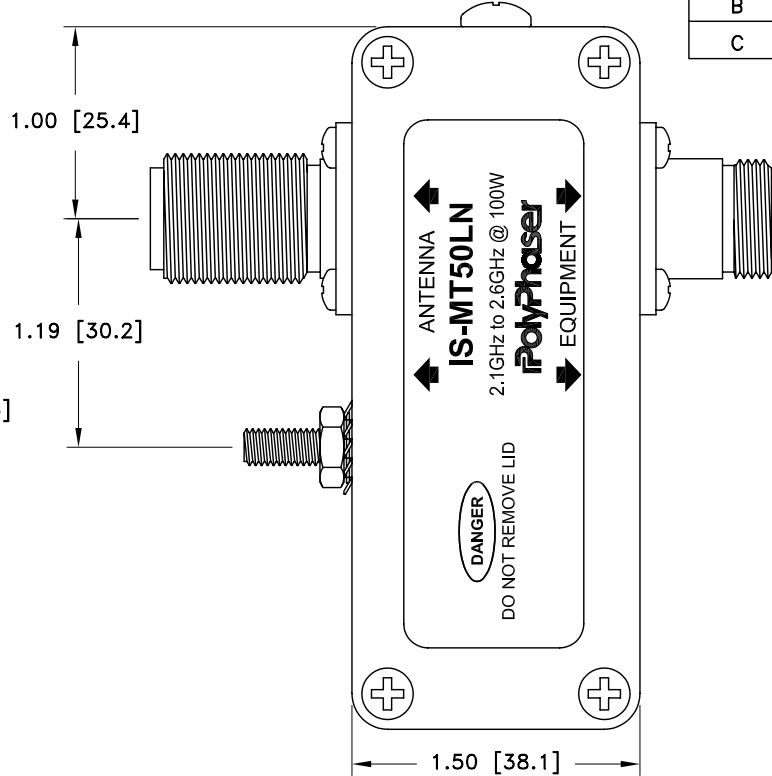


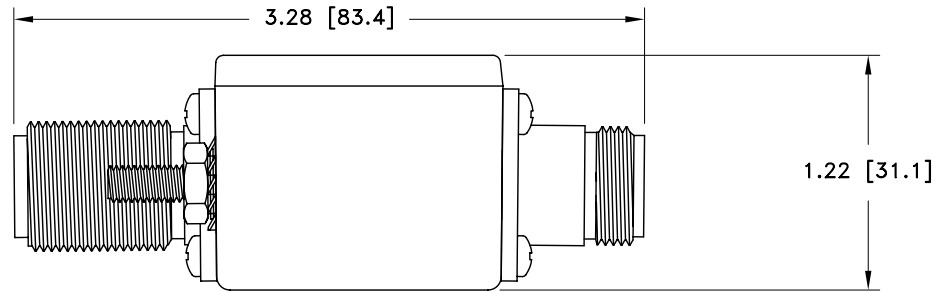
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3.76 [95.5]



1.50 [38.1]



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ABOVE ARE FOR REFERENCE ONLY.

REVISIONS				
REV LTR	DATE	ENG	MKTG	Q.A.
A	03/06/98	KCB	--	RM
B	01/16/01 ^{IB}	KCB	PH	RM
C	12/20/02 ^{IB}	KCB	SD	JB

MAXIMUM CHARACTERISTICS

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

TURN-ON:
+600Vdc \pm 20%

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

FREQUENCY RANGE:
2.1GHz TO 2.6GHz

VSWR:
 \leq 1.1:1 OVER FREQUENCY RANGE

INSERTION LOSS:
 \leq 0.1dB OVER FREQUENCY RANGE

POWER:
100W

THROUGHPUT ENERGY:
 \leq 1 μ J FOR 2kV/ns

NEMP PEAK THROUGHPUT VOLTAGE:
TYPICAL 56Vp FOR 3/250ns WAVEFORM

TEMPERATURE:
-50°C TO +105°C

DRAFTER J. CALLISTER	DATE 05/16/96
MECH ENGINEER O. AKDAG	DATE 05/16/96
ELEC ENGINEER T. KULBIEDA	DATE 05/16/96
MARKETING - - - -	DATE - - - -
QUALITY DEPT R. MATHEUS	DATE 05/16/96

PolyPhaser			
<small>P.O. BOX 9000 MINDEN, NY 89423 TEL: 775-782-2511 FAX: 775-782-4476</small>			
<small>DWG NO/PART NO/DESCRIPTION</small>			
IS-MT50LN			
CUSTOMER PRINT			
CAGE CODE 61114	FILE NAME -C1	SCALE 1/1	SHEET 1 OF 1