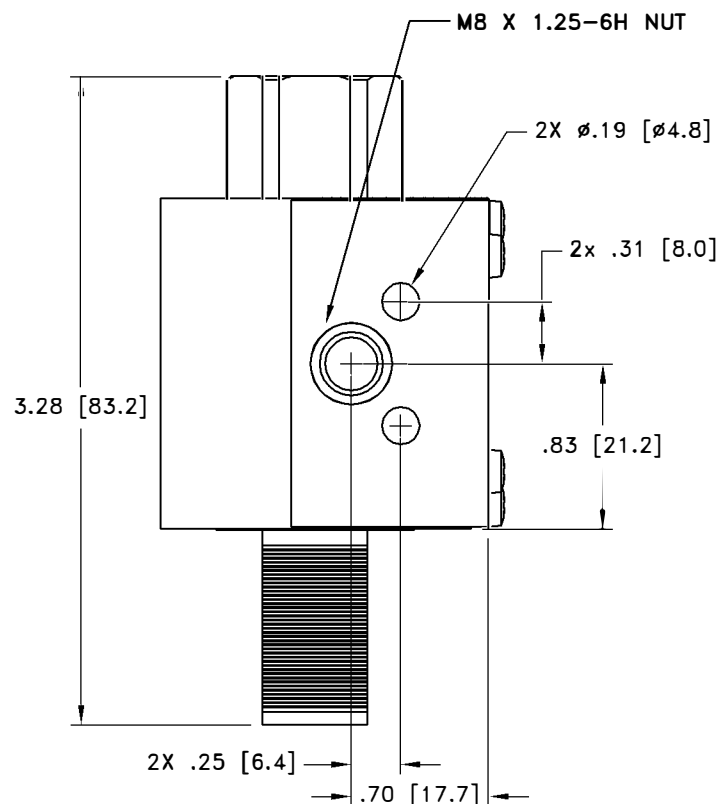


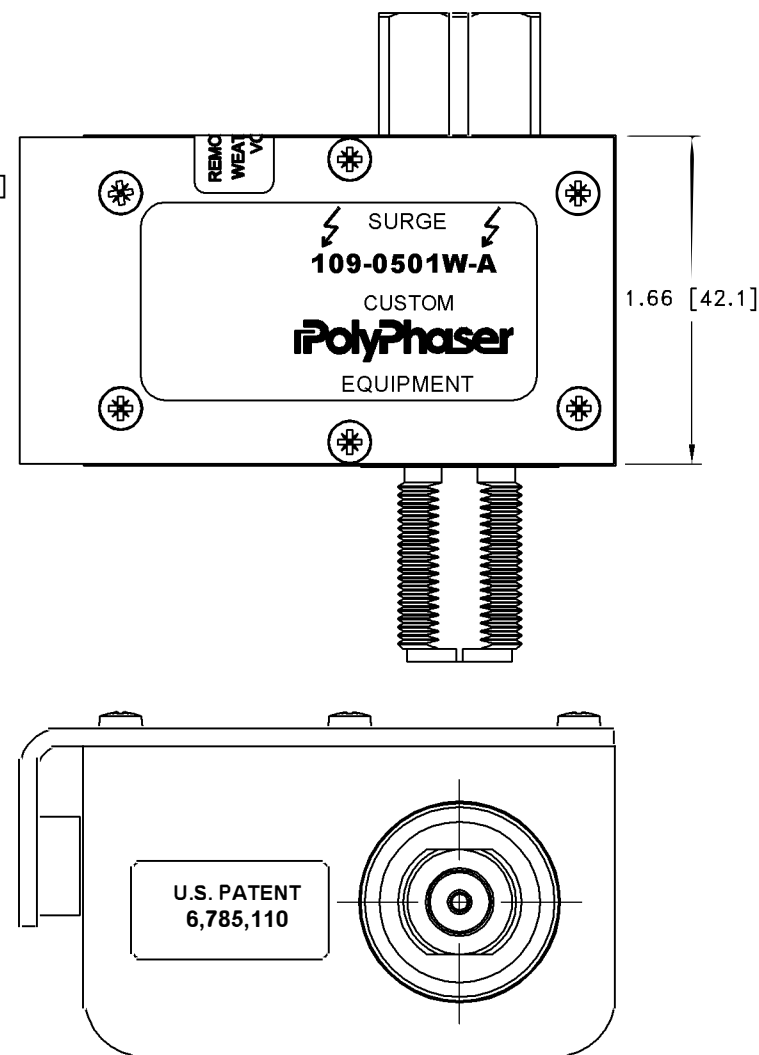
REVISIONS				
REV LTR	DATE	ENG	MKTG	Q.A.
B	03/29/10 RD	KCB	PB	RM

CHARACTERISTICS

APPLICATION:
WEATHERIZED, FLANGE OR BULKHEAD MOUNT
 FREQUENCY RANGE:
RF:700MHz TO 1000MHz
 VSWR:
 $\leq 1.1:1$
 INSERTION LOSS:
 $<0.1\text{dB} @ 700\text{MHz TO } 1000\text{MHz}$
 TELEMETRY:
2.176MHz
 RETURN LOSS:
 $\geq 18\text{dB}$
 INSERTION LOSS:
 $\leq 0.4\text{dB}$
 POWER:
750W RMS AVERAGE
P.I.P. (PEAK INSTANTANEOUS POWER) 27kW MAX.
 TURN ON:
+16.5Vdc
 TURN ON TIME:
4ns FOR 2kV/ns
 MAX. SURGE:
20kA IEC 61000-4-5 8/20 μ s WAVEFORM
 THROUGHPUT ENERGY:
 $\leq 500\mu\text{J}$ FOR 3kA, 8/20 μ s WAVEFORM
 USER VOLTAGE:
+15Vdc
 USAGE CURRENT:
 $\leq 4.0\text{A}$ CONTINUOUS
 RELATIVE HUMIDITY:
 TO 95%
 ENVIRONMENTAL:
MEETS IEC 60529 IP67
MEETS BELLCORE #TA-NWT-000487
PROCEDURE 4.11, WIND DRIVEN (120MPH)
RAIN INTRUSION TEST
 TEMPERATURE:
-50°C TO +85°C STORAGE/OPERATING



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

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DRAFTER S. HALL	DATE 05/21/09	PolyPhaser P.O. BOX 9000 MINDEN, NV 89423 TEL: 775-782-2511 FAX: 775-782-4476 DWG NO/PART NO/DESCRIPTION 109-0501W-A CUSTOMER PRINT		
MECH ENGINEER R. DUNNING	DATE 06/10/09			
ELEC ENGINEER K. BARTEL	DATE 06/11/09			
MARKETING P. BREEN	DATE 06/12/09			
QUALITY DEPT L. JACQUES	DATE 06/11/09			
CAGE CODE 61114	FILE NAME -C1	SCALE NOTED	SHEET 1 OF 1	