

### MAXIMUM CHARACTERISTICS

APPLICATION:  
WEATHERIZED, FLANGE OR BULKHEAD MOUNT

RF FREQUENCY RANGE:  
800MHz TO 2.7GHz

VSWR:  
≤1.1:1

INSERTION LOSS:  
≤0.10dB

POWER: 750 WRMS

TELEMETRY:  
RANGE: 2MHz TO 5MHz  
RETURN LOSS: >10dB  
INSERTION LOSS: <1dB  
RF ISOLATION: >50dB

DC:  
MAX VOLTAGE: +30Vdc

CURRENT: ≤4.0A CONTINUOUS  
TURN-ON: +33Vdc  
TURN-ON TIME: 4ns FOR 2kV/ns

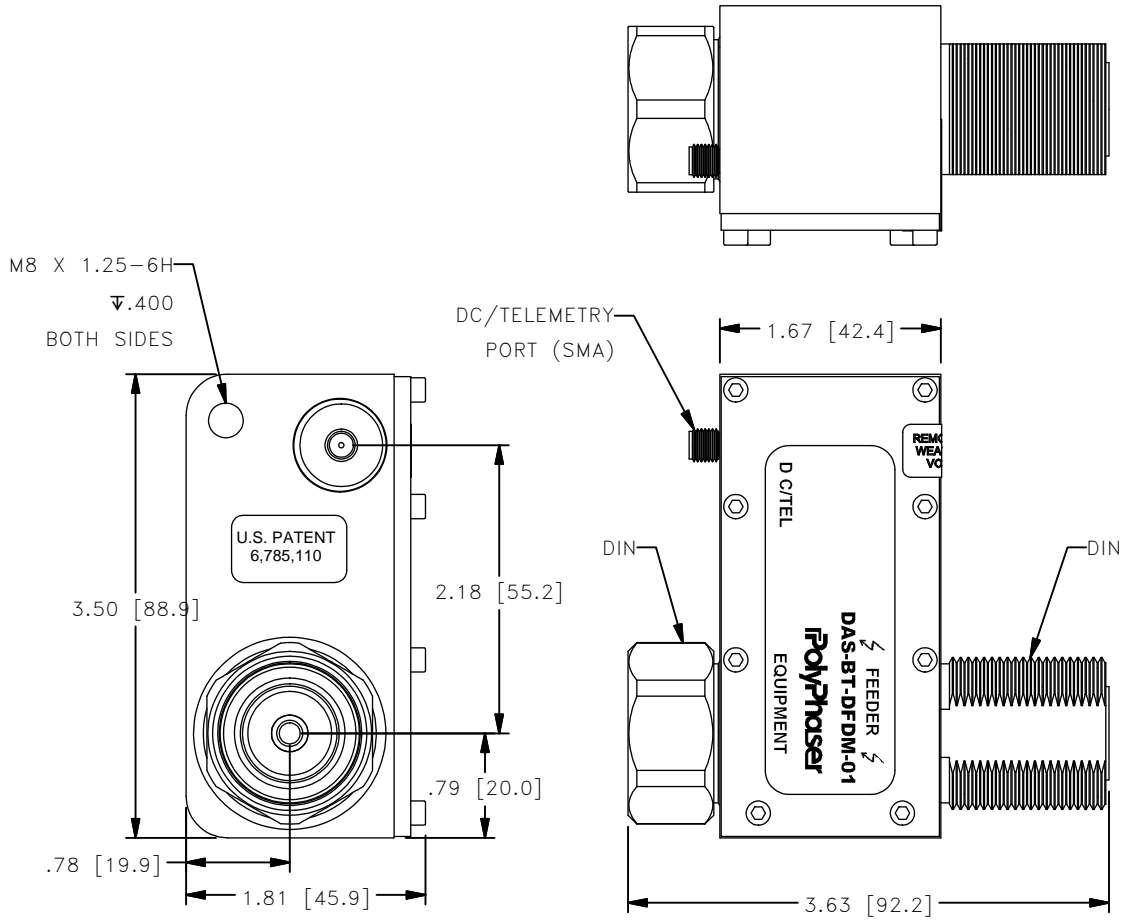
SURGE:  
MAX SURGE:  
20kA IEC 61000-4-5 8/20μs WAVEFORM

THROUGHPUT ENERGY:  
RF: ≤25μJ FOR 3kA, 8/20μs WAVEFORM


RELATIVE HUMIDITY: TO 95%

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

ENVIRONMENTAL:  
MEETS IEC 60529 IP67  
MEETS BELLCORE #TA-NWT-000487  
PROCEDURE 4.11, WIND DRIVEN (120MPH)  
RAIN INTRUSION TEST.



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DRAWN BY	S. HALL	DATE	10/10/06	 P.O. BOX 9000 MINDEN, NV 89423 TEL: 775.782.2511 FAX: 775.782.4476 PART NO / TITLE / DESCRIPTION <b>DAS-BT-DFDM-01</b> CUSTOMER PRINT				UNLESS OTHERWISE STATED DIMENSIONS ARE IN INCHES			
MECH ENG	T. SWART	DATE	11/30/06					<b>TOLERANCES</b> SURFACE FINISH = 63μin ANGLES = ±.5° .X = ±.05 .XX = ±.03 .XXX = ±.01 .XXXX = ±.005 DO NOT SCALE DRAWING			
ELEC ENG	K. BARTEL	DATE	11/29/06	ALL DESIGN, OPERATIVE AND PROCESS DATA PERTAINING TO THE ARTICLE SHOWN ON THIS SHEET IS THE PROPERTY OF POLYPHASER. THE INFORMATION IS NOT TO BE COPIED, REPRODUCED, REVEALED TO OR APPROPRIATED BY OTHERS WITHOUT THE WRITTEN CONSENT OF POLYPHASER CORPORATION.				SCALE	PAGE	FILE TAG	CAGE CODE
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