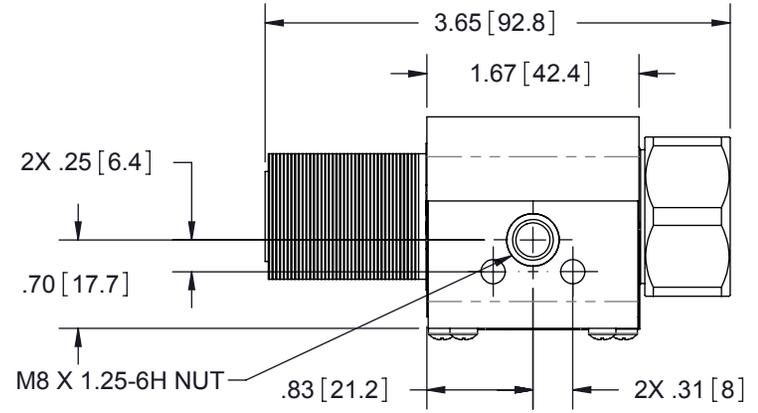
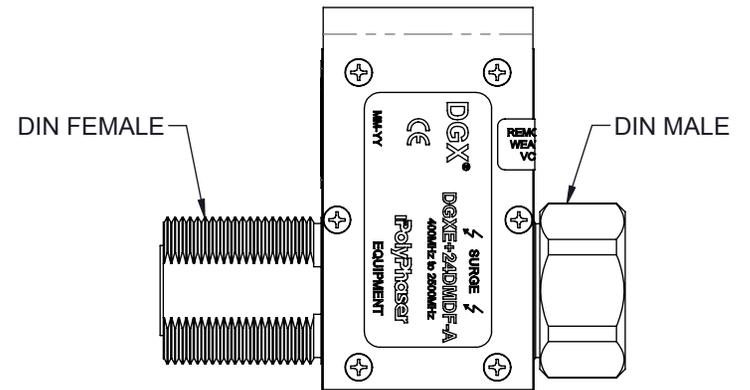
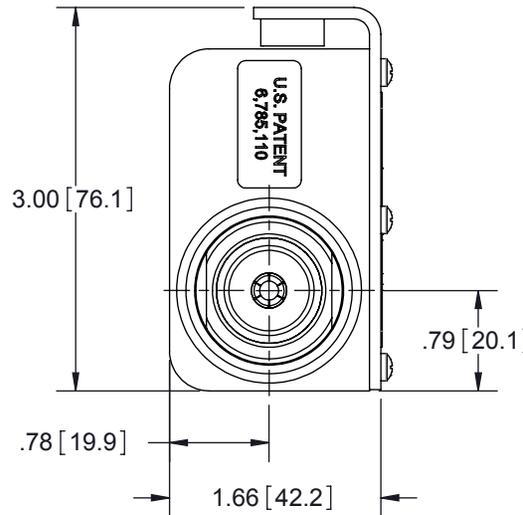


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
F	REFER TO ECN	11211	12/10/12	CAP



MAXIMUM CHARACTERISTICS

APPLICATION:
 WEATHERIZED, FLANGE OR BULKHEAD MOUNT
 IEC61312-1
 IEC61024-1
FREQUENCY RANGE:
 400MHz TO 2.5GHz
VSWR:
 ≤1.1:1 OVER FREQUENCY RANGE
INSERTION LOSS:
 ≤0.1dB OVER FREQUENCY RANGE
POWER:
 600W RMS AVERAGE
 27kW PEAK @ 1% DUTY CYCLE
TURN ON:
 +36.5Vdc MIN (+38V TYP)
TURN ON TIME:
 4ns FOR 2kV/ns
SURGE (MULTIPLE):
 20kA IEC 61000-4-5 8/20μs WAVEFORM
MAX. SURGE:
 40kA IEC 61000-4-5 8/20μs WAVEFORM
THROUGHPUT VOLTAGE:
 <85V FOR 3kA, 8/20μs WAVEFORM
THROUGHPUT ENERGY:
 ≤1.0mJ FOR 3kA, 8/20μs WAVEFORM
USER VOLTAGE:
 +36Vdc MAX
USAGE CURRENT:
 ≤4.0A 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



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<small>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</small> TOLERANCES: FRACTIONS=± .XX=± .03 ANGLES=± ° .XXX=± .010 NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED.	DRAWN JJS 8/28/09 ENG APPD RD 9/15/09 PRODUCT MGR KCB 9/14/09 MARKETING APPD PB 9/17/09 PROJECT NO.	PolyPhaser TITLE 400-2500MHz HI-PWR CUSTOMER SPECIFICATION		SHEET 1 OF 1 SCALE 1:1.5
	DOCUMENT NAME DGXE+24DMDF-A-C SIZE A CAGE 61114 PROD CAT RFP PART NUMBER DGXE+24DMDF-A REV F			
	THIRD-ANGLE PROJECTION 			
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RoHS COMPLIANT