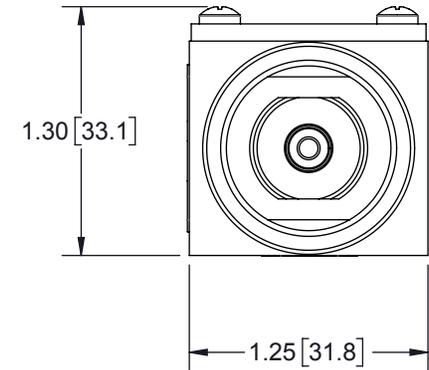
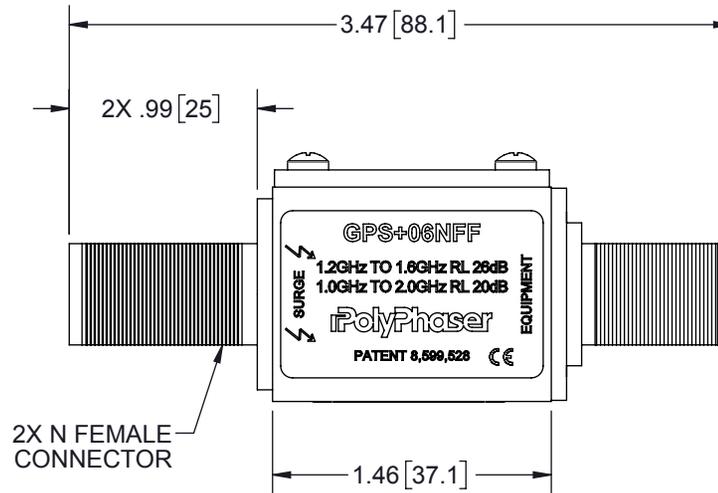


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
B	REFER TO ECN	13733	7/29/16	EJD

**HARDWARE KIT INCLUDES:**

QTY	DESCRIPTION
1	SILICONE O-RING 019
1	WASHER 5/8 410 SS
1	NUT 5/8-24 303 HEX SS
1	RING TERM 5/8" STUD 6AWG



**MAXIMUM CHARACTERISTICS**

**APPLICATION:**

WEATHERIZED, BULKHEAD MOUNT  
BI-DIRECTIONAL

**RETURN LOSS:**

≥26dB 1.2GHz TO 1.6GHz  
≥20dB 1.0GHz TO 2.0GHz

**INSERTION LOSS:**

≤0.1dB

**POWER:**

10W RMS AVERAGE

**TURN ON VOLTAGE:**

±6.5Vdc

**TURN ON TIME:**

4ns FOR 2kV/ns

**MAX SURGE:**

15kA IEC 61000-4-5 8/20μs (one-time)  
10kA IEC 61000-4-5 8/20μs (multiple)

**THROUGHPUT ENERGY:**

≤175μJ FOR 3kA, 8/20μs WAVEFORM

**USER VOLTAGE:**

±6.0Vdc MAX

**USAGE CURRENT:**

≤4.0A CONTINUOUS

**DC RESISTANCE:**

≤.01Ω

**RELATIVE HUMIDITY:**

TO 95%

**ENVIRONMENTAL:**

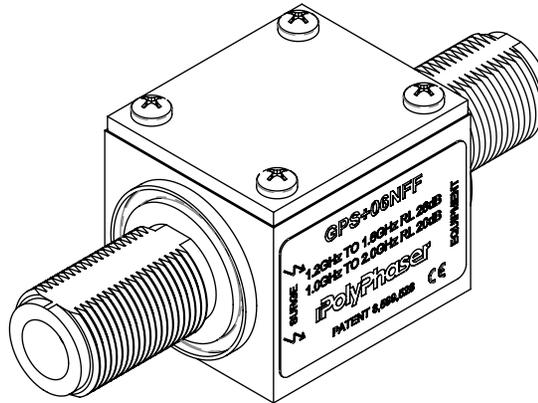
MEETS 60529 IP67 WHEN MATED  
MEET BELLCORE #TA-NWT-0 00487  
PROCEDURE 4.11, 120MPH WIND DRIVEN  
RAIN INTRUSION TEST.

**TEMPERATURE:**

-50°C TO +85°C STORAGE/OPERATING

**CE COMPLIANT**

**RoHS COMPLIANT**



CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<small>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</small>  <small>TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010</small>  <small>NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED.</small>  <small>THIRD-ANGLE PROJECTION</small> 	<small>DRAWN</small> HMB 10/27/2014		<small>SHEET</small> 1 <small>OF</small> 1		
	<small>ENG APPD</small> RTP 06/10/2016		<small>SCALE</small> 1:1		
	<small>PRODUCT MGR</small> RC 6/10/2016		<small>TITLE</small> 6Vdc SASD RF SURGE ARRESTOR N-TYPE FEMALE-FEMALE CUSTOMER SPECIFICATION		
	<small>MARKETING APPD</small> LJ 6/15/2016		<small>REV</small> B		
<small>PROJECT NO.</small> 	<small>DOCUMENT NAME</small> GPS+06NFF-C	<small>SIZE</small> A	<small>CAGE</small> 30992	<small>PROD CAT</small> RFP	<small>PART NUMBER</small> GPS+06NFF

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