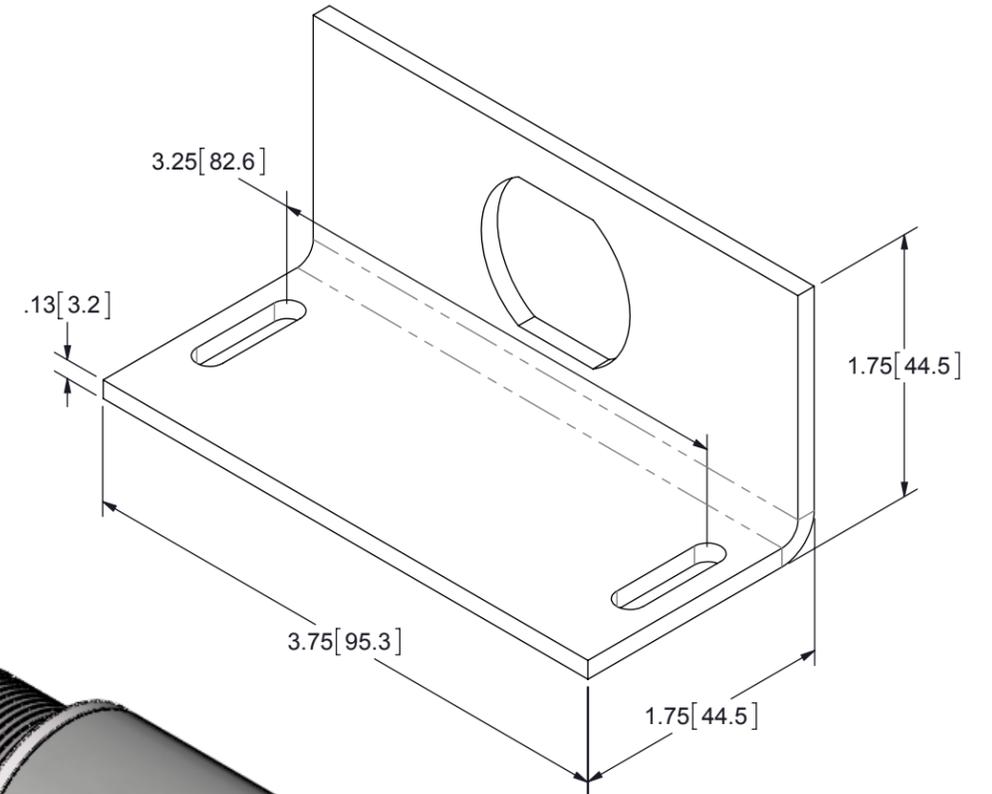
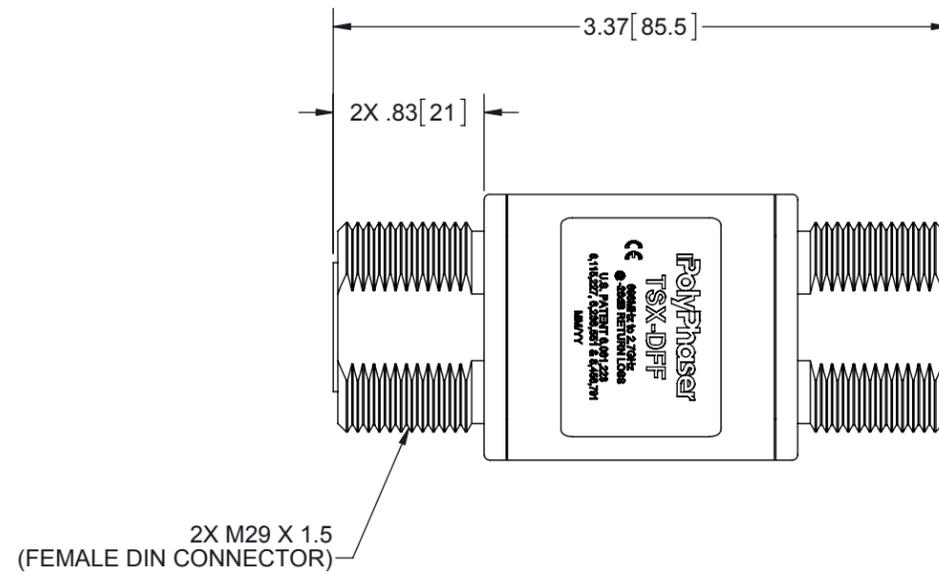
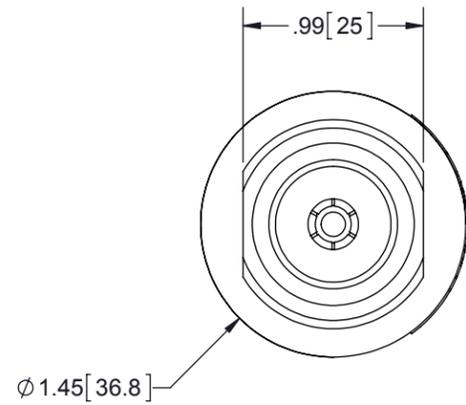


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
E	REFER TO ECN	12864	9/8/14	JJ



**MAXIMUM CHARACTERISTICS**

**APPLICATION:**  
DC SHORT/RF ONLY (NO POWER SUPPLY PROVISIONS)  
BULKHEAD MOUNT BI-DIRECTIONAL  
WEATHERPROOF WHEN INSTALLED

**FREQUENCY RANGE:**  
698MHz TO 2.7GHz @ -26dB RETURN LOSS

**MAX SURGE:**  
IEC 61000-4-5 8/20µs WAVEFORM  
40kA MAX  
20kA MULTIPLE

**INSERTION LOSS:**  
≤0.1dB

**CONTINUOUS POWER:**  
500W @ 920MHz  
(750W @ 50 °C)

**MAX PEAK INSTANTANEOUS POWER (PIP):**  
27kW

**LET THROUGH VOLTAGE:**  
≤±200mV FOR 3kA @ 8/20µs WAVEFORM

**THROUGHPUT ENERGY:**  
≤5nJ FOR 3kA @ 8/20µs WAVEFORM

**PIM 3rd ORDER:**  
<-155dBc (-112dBm); 2 X 20W INPUT

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

**VIBRATION:**  
1G @ 5Hz TO 100Hz

**MATERIAL:**  
BODY: TRI-M3™ PLATING OVER BRASS  
PTFE: DIELECTRIC  
CENTER PINS: TRI-METAL

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

**CE COMPLIANT**  
**RoHS COMPLIANT**

**HARDWARE KITS INCLUDE:**

QTY	DESCRIPTION
1	WASHER 10 EXT TOOTH SS STAINLESS STEEL
2	NUT 10-32 HEX 18-8 SS
2	10-32 x 3/4" RD HD SLOTTED SCREW SS
1	NUT M29 X 1.5 SST DIN
1	WASHER 1.15ID FLAT SST TYPE 304
1	O-RING 025 SILICONE

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

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	DRAWN	HMB	DATE	4/1/10	<b>PolyPhaser</b>			
	ENG APPD	JS	4/20/10					
TOLERANCES: FRACTIONS=± 1/32 .XX=± .01 ANGLES=± 1° .XXX=± .005	PRODUCT MGR	CAP	4/20/10		TITLE			
	MARKETING APPD	LJ	4/21/10		DC SHORT 698MHZ-2.7GHZ DIN FEM /FEM SURGE FILTER W/MOUNT BRKT			
MATERIAL	PROJECT NO.				CUSTOMER SPECIFICATION			
NA					SIZE	CAGE	PART NUMBER	REV
					B	30992	TSX-DFF-BF	E
THIRD-ANGLE PROJECTION	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.	SCALE	1:1	PROD CAT	RFP	DOCUMENT NAME	TSX-DFF-BF-C	SHEET 1 OF 1