



REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
G	REFER TO ECN	12848	9/12/2014	JJ

**MAXIMUM CHARACTERISTICS**

**APPLICATION:**  
 DC BLOCK/RF ONLY  
 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)

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

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

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

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

**MATERIAL:**  
 BODY: TRI-PLATED BRASS  
 PTFE: DIELECTRIC  
 CENTER PINS: TRI-M

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

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

HARDWARE KIT	
QTY.	DESCRIPTION
1	NUT 5/8-24 303 HEX SS
1	WASHER 5/8 410 SS
1	SILICONE O-RING 019

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	RD	DATE	02/08/12	<b>PolyPhaser</b>	
	ENG APPD	JJ	5/16/12			
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010	PRODUCT MGR	CP	5/16/12			
MATERIAL	MARKETING APPD	LJ	5/16/12			
THIRD-ANGLE PROJECTION	PROJECT NO.				TITLE	
	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.			<b>BI-DIRECTIONAL BROADBAND DC BLOCK FILTER 'N'</b> <small>CUSTOMER SPECIFICATION</small>		
	SCALE	1:1	PROD CAT	RFP	PART NUMBER	TSX-NFM
					REV	G
					SHEET	1 OF 1