



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)

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-M3™

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

RoHS COMPLIANT
CE COMPLIANT

HARWARE KITS	
QTY.	DESCRIPTION
1	NUT 5/8-24 303 HEX SS
1	WASHER 5/8 410 SS
1	SILICONE O-RING 019
2	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	POLYBAG 3x5 2MIL

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	DRAWN	RD	DATE	11/06/12
	ENG APPD	JJ	DATE	11/08/12
	PRODUCT MGR	CP	DATE	11/08/12
	MARKETING APPD	LCJ	DATE	11/08/12
MATERIAL	PROJECT NO.			
THIRD-ANGLE PROJECTION	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.			

PolyPhaser				
TITLE BI-DIRECTIONAL BROADBAND DC SHORT FILTER 'N'				
CUSTOMER SPECIFICATION				
SIZE	CAGE	PART NUMBER	REV	
B	30992	TSX-NFM-BF	C	
SCALE	PROD CAT	DOCUMENT NAME	SHEET	OF
1:1	RFP	TSX-NFM-BF-C	1	1

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