

Specifications

Parameter		Minimum	Typical	Maximum	
Frequency Range (MHz)		470		520	
Insertion Loss (dB)	P1-P2 P2-P3		< .50 < .30	0.70 0.40	
Isolation (dB)	P2-P1 P3-P2	40 20	> 48 > 23		
Return Loss (dB)		20	> 23		

- 1. Typical Values Represent Mid-Band Performance @ +23 °C.
- 2. Tab Dims: 1.00[.039]Width x 3.0[.12]Length x .20[.008]Thick.

Power & Temperature Ratings

Parameter	Maximum		
Forward PWR Peak/AVG	1000/200 Watts		
Reverse Power CW	200 Watts		
Operating Temperature	-20 to +85° C		
Storage Temperature	-40 to +95° C		

CW DUAL CIRCULATOR MODEL: CR2117F3

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]: TOLERANCES ARE: 1 PLACE DECIMAL ±.2 [±.01] ANGULAR; ±1.0° 2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/ REMOVE ALL BURRS AND BREAK SHARP EDGES. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 94.6.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI 94.5. PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONSIDERED TO BE CONFIDENTIAL MATERIAL PROPRIETARY TO BE CIRCULATOR ISOLATOR IN. (RFCI) AND IS PROVIDED SOLELY FOR INFORMATION PURPOSES. THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO DESIGN OR CONSTRUCT ANY OF THE ITEMS DEPICTED, NOR SHALL IT BE DISCLOSED, DUPLICATED, OR COPIED FOR ANY PURPOSE, NOR MADE AVAILABLE TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF A RFCI OFFICIAL." THIRD ANGLE PROJECTION APPROVALS DATE PROPROVALS DATE DAY 19/13 CHECKED BY: P.T 04/20/13 DESIGN BY: P.T 04/20/13 DESIGN BY: P.T 04/01/13 ENGINEER BY: P.T 04/01/13 MFG. ENGR. L.T 4/21/13 O.A. PROOF, MGMT/MKT A DESIGN NO. CR2117F3-OS REV. THIS DAY 11/10 ANGULAR; ±1.0° REPORT ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF A RFCI OFFICIAL."										
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