



## **Specifications**

Parameter	Minimum	*Typical	Maximum
Frequency Range (MHz)	1700		2100
Insertion Loss (dB)		< .30	.40
Isolation (dB)	20	>23	
Return Loss (dB)	20	>23	

## $\bigstar$ Typical Values Represent Mid-Band Performance @ +23 °C.

## Power & Temperature Ratings

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

## CW CIRCULATOR MODEL: RFCR2509

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/  SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1. DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI 194.5  PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONSIDERED TO BE CONFIDENTIAL MATERIAL PROPRIETARY TO RE CIRCULATOR ISOLATOR INc. (RFC) AND IS PROVIDED SOLELY FOR INFORMATION PURPOSES.  THIS INFORMATION SHALL NOT BE USED BY ANYONG 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  PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS DOCUMENT IS DOCUMENT IN THE INFORMATION PURPOSES."  THIS INFORMATION SHALL NOT BE USED BY ANYONG 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."  PROOR. MGMT/MKT  THIRD ANGLE PROJECTION  APPROVALS  DATE  PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS DOCUMENT IN THE PROPRIETARY TO RFCI ANY OF THE ITEMS DEPICTED, NOR SHALL IT BE DESIGN BY:  DESIGN BY:  P. T 11/14/12  ENGINEER BY:  P. T 11/20/12  O.A.  PROOF. MGMT/MKT  ARE CASE NO.  ARE CAGE N								
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