





## Specifications

Parameter	Minimum	Minimum   Typical   Maximum	Maximum	
Frequency Range (MHz)	790		960	
Insertion Loss (dB)		< .40	.50	
Isolation (dB)	18	> 20		
Return Loss (dB)	18	> 20		

## 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

## Notes:

- Typical Values Represent Performance @ +23 °C.
   S-Parameters to be measured by connecting Port 1 and 2 to VNA, and Port 3 to Load with return loss 30dB or higher

## **SMA-F CIRCULATOR MODEL RFCR3131**

		<b>&gt;</b>		
SHEET 1 OF 1	.E: FULL	SCALE:		DO NOT SCALE DRAWING
CD3131-03		7	PROG. MGMT/MKT	OF A RECI OFFICIAL."
CD3131 OS		<b>۷</b>	Q.A.	DISCLOSED, DUPLICATED, OR COPIED FOR ANY PURPOSE, NOR MADE
DWG NO REV.	CAGE NO	SIZE	MFG. ENGR.	THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO  THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO  THE TENNS THE PROPERTY OF TH
			ENGINEER BY:	CIRCULATOR ISOLATOR Inc. (RFCI) AND IS PROVIDED SOLELY FOR
	2		DESIGN BY:	PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONSIDERED TO BE CONFIDENTIAL MATERIAL PROPRIETARY TO RE
		ТІТСЕ	CHECKED BY:	DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5
			DRAWN BY:	REMOVE ALL BURRS AND BREAK SHARP EDGES.
		DATE	APPROVALS	1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0° 2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/
<b>)</b>			THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]: TOLERANCES ARE: