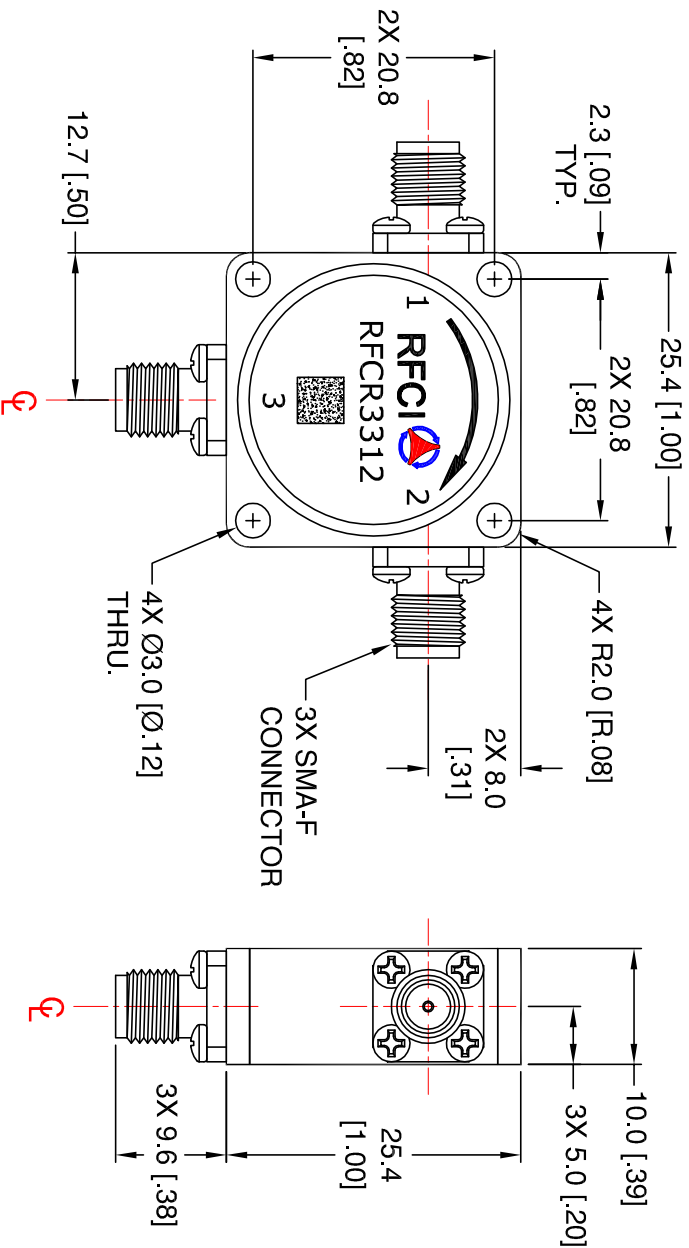


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

DWG. NO.		SHT	REV
CR3312-OS		1	A
REVISIONS			
REV.	DESCRIPTION	ECO	DATE
A	INITIAL RELEASE	I.R.	11/28/15
			APPROVED P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	960		1215
Insertion Loss (dB)		< .50	.60
Isolation (dB)		> 20	
Return Loss (dB)	17	> 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:
1. Typical Values Represent Performance @ +23 °C.
 2. 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 RFCR3312

UNLESS OTHERWISE SPECIFIED				THIRD ANGLE PROJECTION	
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):					
TOLERANCES ARE:					
1 PLACE DECIMAL	+2 [-2]	ANGULAR:	±1.0°	APPROVALS	DATE
2 PLACE DECIMAL	±.10 [±.004]	SURFACE ROUGHNESS	16/		
REMOVE ALL BURRS AND BREAK SHARP EDGES.				DRAWN BY:	
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1				CHECKED BY:	
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5				DESIGN BY:	
PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONSIDERED TO BE CONFIDENTIAL MATERIAL PROPRIETARY TO RF CIRCULATOR ISOLATOR Inc. (RFCI) AND IS PROVIDED SOLELY FOR INFORMATION PURPOSES.				ENGINEER BY:	
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."				MFG. ENGR.	
				O.A.	
				PROG. MGMT/TKT	
DO NOT SCALE DRAWING					

TITLE				RFCI			
OUTLINE/SPECS							
SIZE	CAGE NO.	DWG. NO.					
A		CR3312-OS					
SCALE: FULL				SHEET 1 OF 1			