DWG. NO.

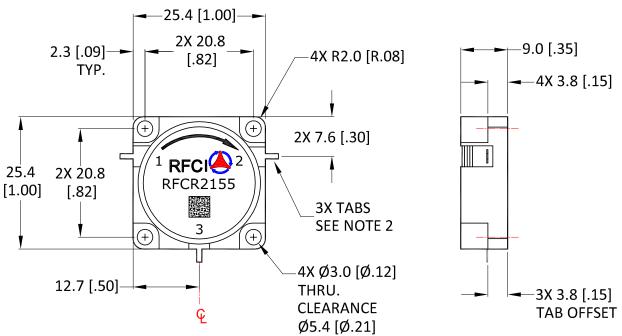
CR2155-OS

SHT REV
1 A

THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY.

REVISIONS					
	REV.	DESCRIPTION	ECO	DATE	APPROVED
	Α	INITIAL RELEASE	I.R.	19/15/13	P.T





Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	773		803
Insertion Loss (dB)		< .20	.30
Isolation (dB)	22	>25	
Return Loss (dB)	22	>25	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

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. Tab Dimensions: 1.00 [.040]W x 3.0[.12]L x 0.20[.008]T
- S-Parameters to be measured by connecting Port 1 and 2 to VNA, and Port 3 to Load with return loss 30dB or higher

CW CIRCULATOR MODEL: RFCR2155

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):	THIRD ANGLE PROJECTION	1				1	
TOLERANCES ARE: 1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0° 2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/	NESS 16/ APPROVALS DATE			R	RFCI (A)		
REMOVE ALL BURRS AND BREAK SHARP EDGES. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1	DRAWN BY:						
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5	CHECKED BY:		TITLE				
PROPRIETARY NOTE: "THE INFORMATION CONTAINED ON THIS DOCUMENT IS CONSIDERED TO BE CONFIDENTIAL MATERIAL PROPRIETARY TO RE	DESIGN BY:		OUTLINE/SPECS				
CIRCULATOR ISOLATOR Inc. (RFCI) AND IS PROVIDED SOLELY FOR	ENGINEER BY:		1 OUTLINE/OFLOS				
INFORMATION PURPOSES. THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO	MFG. ENGR.		SIZE CAGE NO. DWG NO.			REV.	
DESIGN OR CONSTRUCT ANY OF THE ITEMS DEPICTED, NOR SHALL IT BE DISCLOSED, DUPLICATED, OR COPIED FOR ANY PURPOSE, NOR MADE	Q.A.					00	\ \ \
AVAILABLE TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF A RFCI OFFICIAL."	PROG. MGMT/MKT		Α		CR2155	OS A	A
DO NOT SCALE DRAWING			SCALE: FULL			SHEET 1 OF 1	