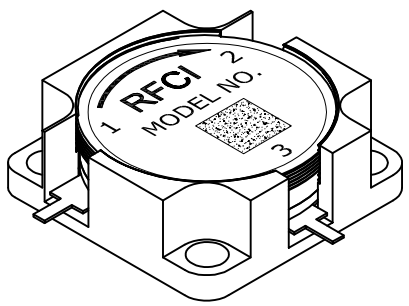
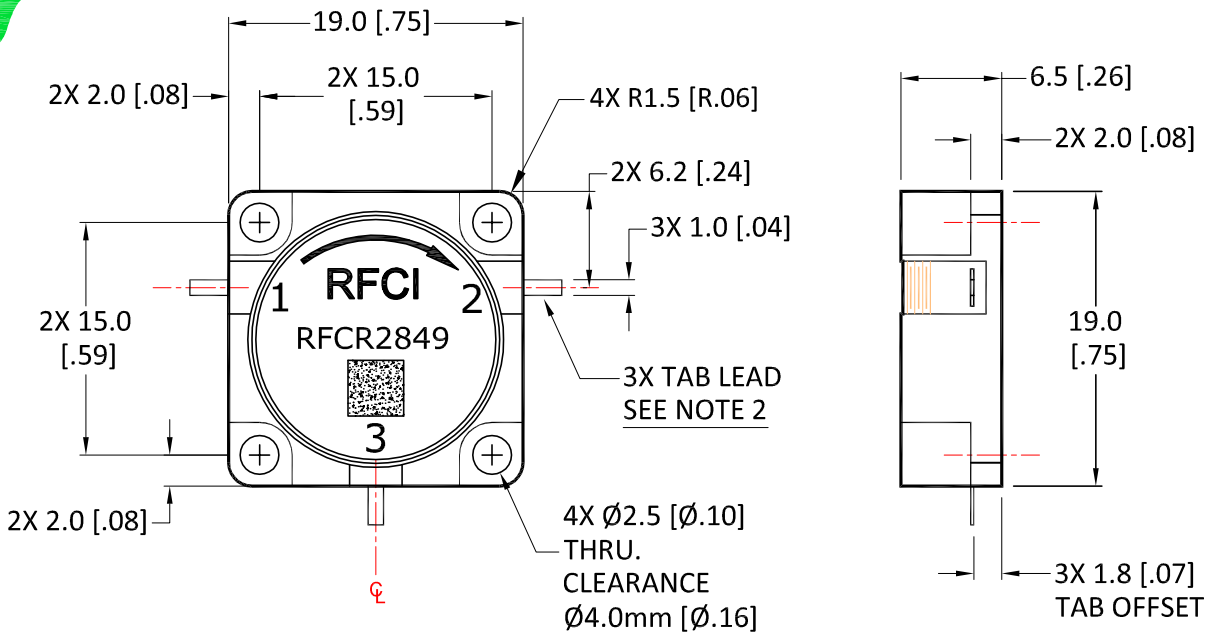


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
B	ADD ISOVIEW	18-010	11/14/18
			APPROVED P.T



**Finish:**  
 Body Housing: Steel, Nickel plated  
 Tab Lead: Be-Cu, Silver plated

**Terminal:**  
 Port (1)-(2): Input-Output  
 Port (2)-(3): Input-Output  
 Port (3)-(1): Input-Output

### Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2300		2500
Insertion Loss: In-Out (dB)		< 0.20	0.30
Isolation: Out-In (dB)	22	> 25	
Return Loss (dB)	22	> 25	

- Notes:**
1. Typical Values Represent Performance @ +23 °C
  2. Tab Dimensions: 1.00 [0.040]W x 2.5 [0.10]L x 0.20 [0.008]T
  3. S-Parameters to be measured by connecting Port 1 and 2 to VNA, and Port 3 to Load with return loss 30dB or higher

### Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/100 Watts
Reverse Power CW	100 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

Permanent damage to the Device or reduce reliability if exceeding any of the limits.  
 Port (1),(2)and (3): DC connected and floating as the only ground connection.

## CW CIRCULATOR MODEL: RFCR2849

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/	THIRD ANGLE PROJECTION 		
	APPROVALS DRAWN BY: CHECKED BY: DESIGN BY: ENGINEER BY: MFG. ENGR. Q.A. PROG. MGMT/MKT	DATE TITLE OUTLINE/SPECS	
REMOVE ALL BURRS AND BREAK SHARP EDGES. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5  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. 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."	SCALE: FULL		SHEET 1 OF 1

DO NOT SCALE DRAWING