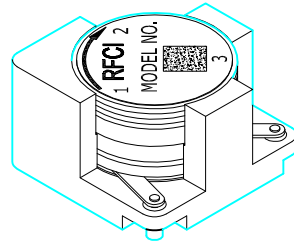
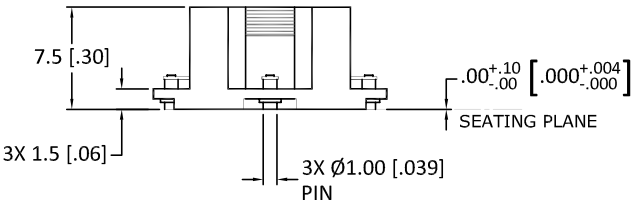
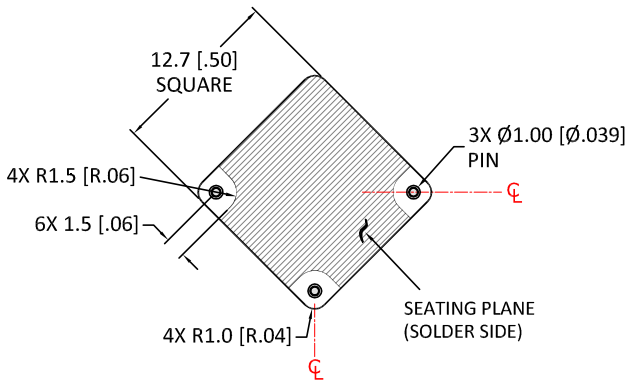
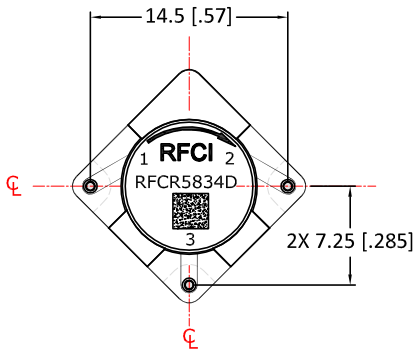


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
B	ADDED ISOMETRIC VIEW	18-010	11/14/18
			APPROVED P.T



- Finish:**
- Housing: Silver plated
 - Pin: Gold plated
 - Coplanarity specification: 0.10 [.004] MAX.

Specifications

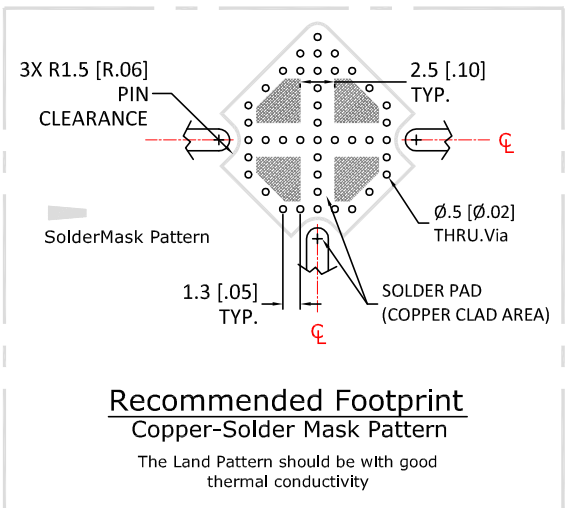
Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	3500		3700
Insertion Loss (dB)		< .30	.30
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	

- 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

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	500/30 Watts
Reverse Power CW	30 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-50 to +125° C

Permanent damage to the Device or reduce reliability if exceeding any of the limits.



CW SMD CIRCULATOR MODEL: RFCR5834D

<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):</p> <p>TOLERANCES ARE: 1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0° 2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/</p> <p>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</p> <p>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."</p>	<p>THIRD ANGLE PROJECTION</p>	<p>RFCI</p>
	<p>APPROVALS</p> <p>DATE</p>	
<p>DO NOT SCALE DRAWING</p>	<p>DRAWN BY:</p> <p>CHECKED BY:</p> <p>DESIGN BY:</p> <p>ENGINEER BY:</p> <p>MFG. ENGR.</p> <p>Q.A.</p> <p>PROG. MGMT/MKT</p>	<p>SIZE A</p> <p>CAGE NO.</p> <p>DWG NO. CR5834D-OS</p> <p>REV. B</p>
<p>SCALE: FULL</p>		<p>SHEET 1 OF 1</p>