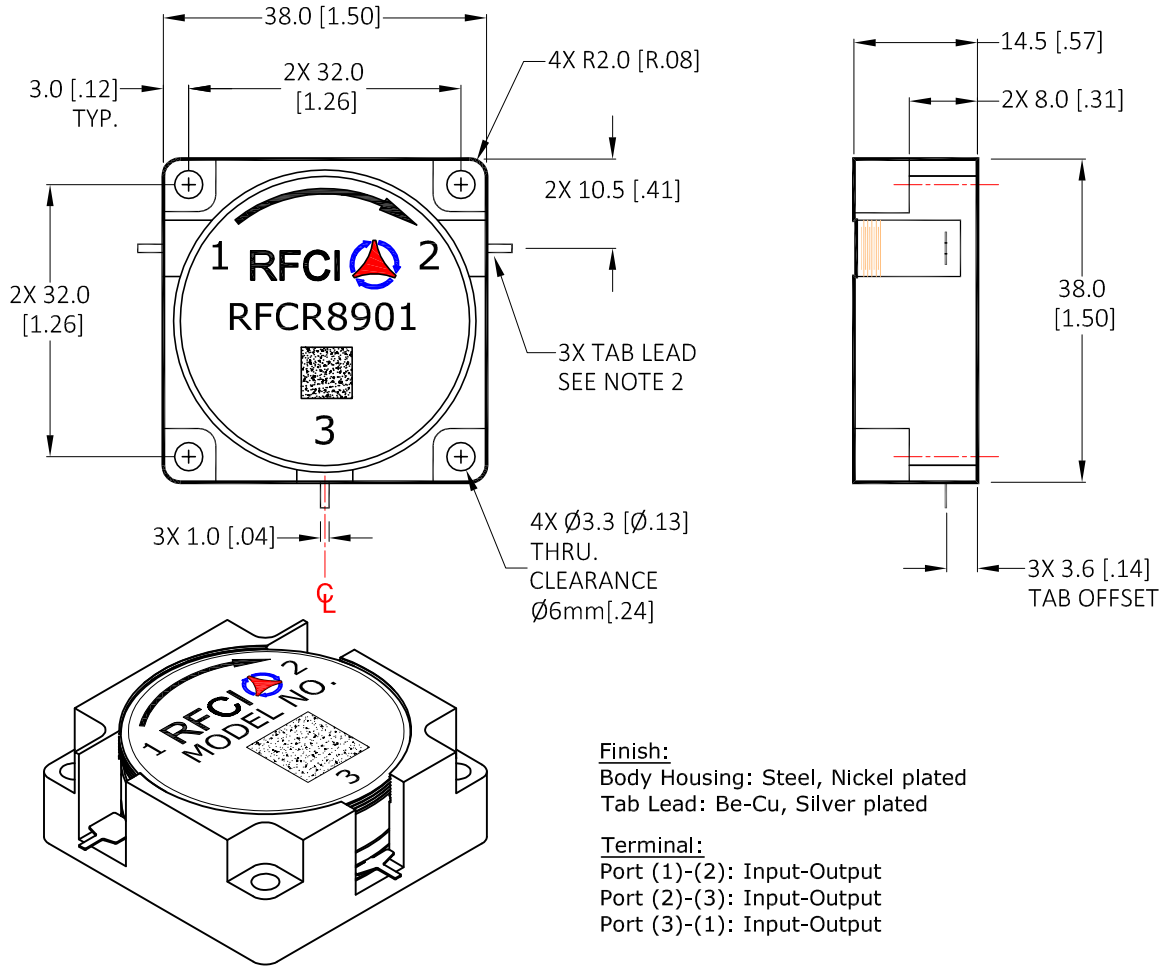


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
C	CORRECT:TAB OFFSET WAS 4.3, IS 3.6mm	20-002	02/12/20
			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)	2000		6000
Insertion Loss: In to Out (dB)		< 1.0	1.4
Isolation: Out to In (dB)	12.5	> 13	
Return Loss (dB)	12.5	> 13	

- 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
 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	500/50 Watts
Reverse Power CW	30 Watts
Operating Temperature	-20 to +65° 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: RFCR8901

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	DATE	
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	DRAWN BY:	CHECKED BY:	SIZE A
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."	DESIGN BY:	ENGINEER BY:	CAGE NO.
	MFG. ENGR.	Q.A.	DWG NO.
	PROG. MGMT/MKT	SCALE: FULL	SHEET 1 OF 1
DO NOT SCALE DRAWING			DWG NO. CR8901-OS REV. C