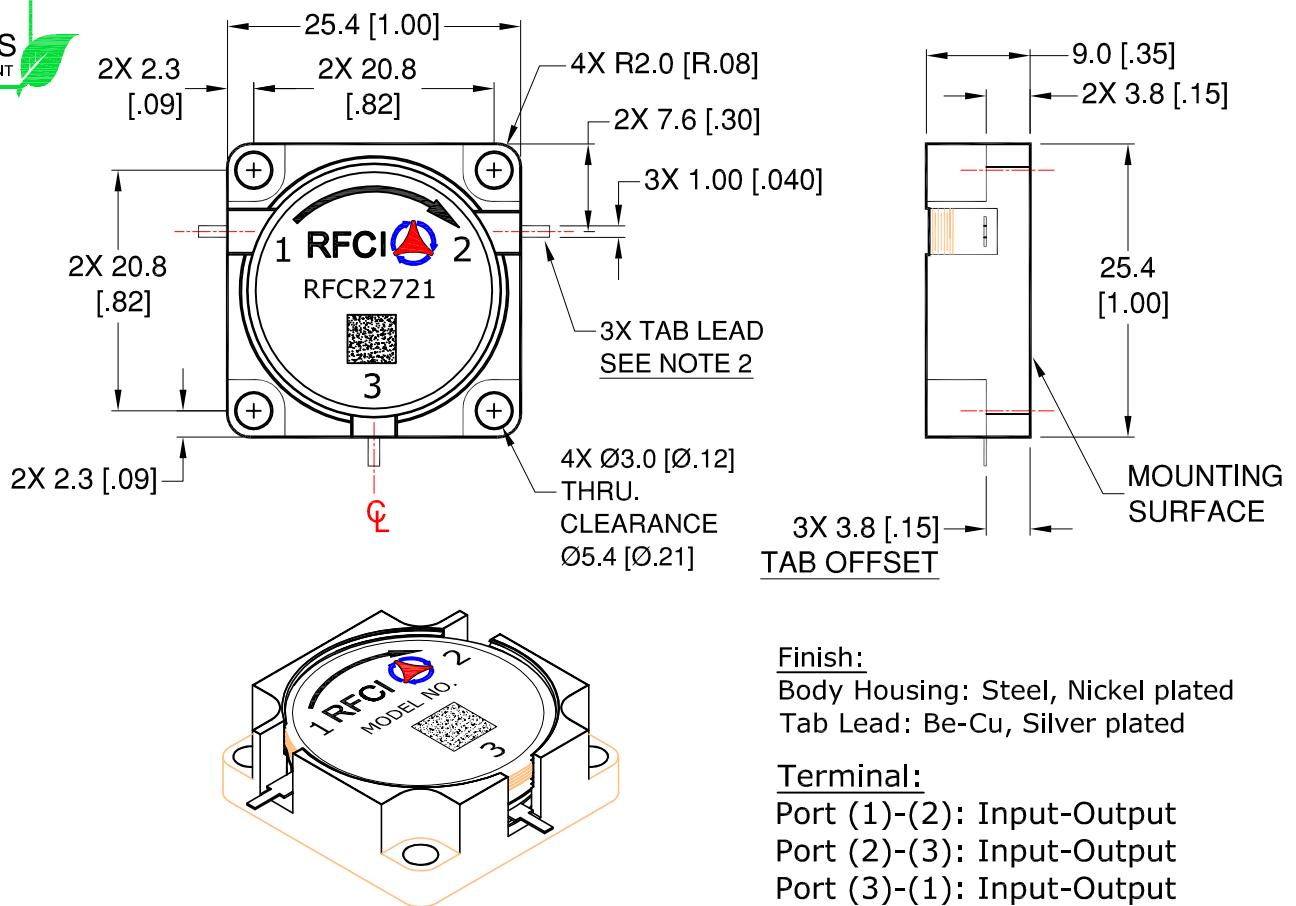


## REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
B	ADD ISOVIEW	20-003	03/30/20	P.T

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



## 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)	2010		2300
Insertion Loss: In-Out (dB)		< 0.30	0.35
Isolation: Out-In (dB)	22	> 25	
Return Loss (dB)	22	> 25	
FWD IMD: 2T @ 5W per T 5MHz Spacing (dBc)		tbd	

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.

## Power &amp; Temperature Ratings

Parameter	Maximum
Fwd. Power Peak/CW	1000/200 Watts
Rev. Power Peak/CW (see note 3)	1000/200 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
3. Body Flange held to +85°C Maximum
4. MATRIX BARCODE: PART No., SN, DATE CODE
5. 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: RCR2721

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:		THIRD ANGLE PROJECTION		TITLE			
TOLERANCES ARE: 1 PLACE DECIMAL $\pm .2$ [.01] 2 PLACE DECIMAL $\pm .10$ [.004]		ANGULAR: $\pm 1.0^\circ$ SURFACE ROUGHNESS $16/$		DRAWN BY:	APPROVALS	DATE	OUTLINE/SPECS
REMOVE ALL BURRS AND BREAK SHARP EDGES. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B4.6.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		CHECKED BY:		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. THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RCFI 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 RCFI OFFICIAL."		ENGINEER BY:		MFG. ENGR:			
DO NOT SCALE DRAWING		Q.A.		PROG. MGMT/MKT			
		SIZE A		CAGE NO.	DWG NO. CR2721-OS	REV. B	SHEET 1 OF 1
		SCALE: FULL					

**RFCI**

**OUTLINE/SPECS**