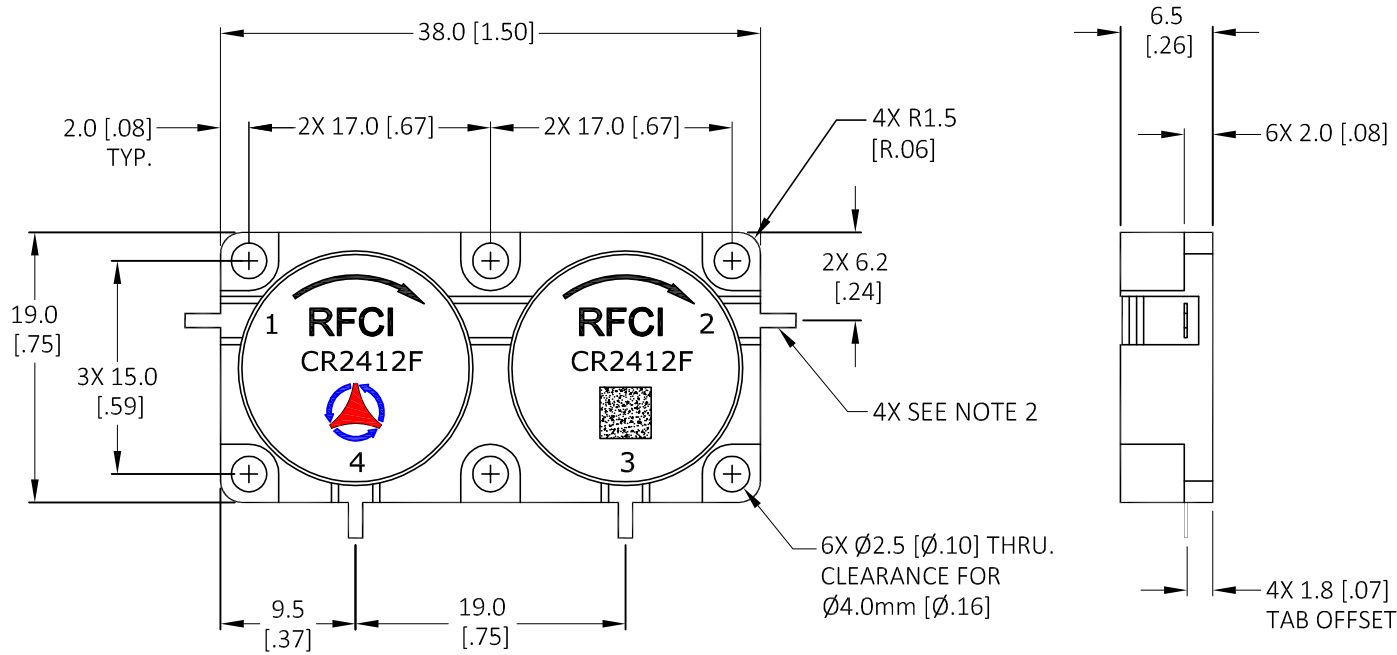


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS				
REV.	DESCRIPTION	ECO	DATE	APPROVED
1	INITIAL RELEASE	I.R.	04/22/13	P.T



**Specifications**

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1710		1785
Insertion Loss (dB)			
P1-P2; P3-P4		< .40	0.60
P2-P3; P4-P1		< .20	0.30
Isolation (dB)			
P2-P1; P4-P3	45	> 55	
P3-P2; P1-P4	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	1000/100 Watts
Reverse Power CW	100 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

- NOTES:  
 1. Typical Values Represent Mid-Band Performance @ +23 °C.  
 2. Tab Dims: 1.00[.039]Width x 2.5[.10]Length x .20[.008]Thick.

**CW DUAL CIRCULATOR MODEL: CR2412F**

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 					
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		APPROVALS      DATE DRAWN BY: HV      04/19/13 CHECKED BY: P.T    04/20/13 DESIGN BY: P.T      04/01/13 ENGINEER BY: P.T    04/01/13 MFG. ENGR. L.T     4/21/13 Q.A. PROG. MGMT/MKT					<b>OUTLINE/SPECS</b>
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				SCALE: FULL		SHEET 1 OF 1	