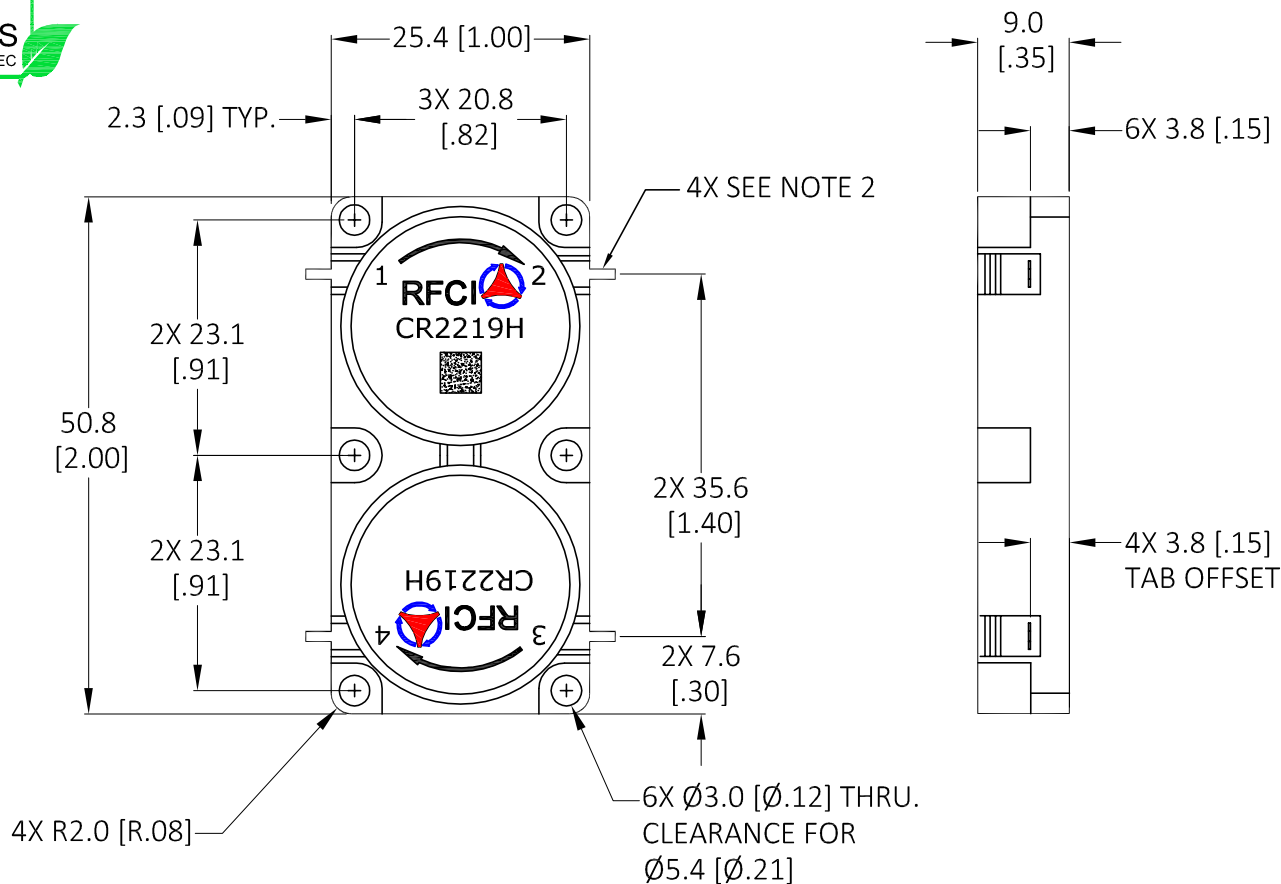


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
1	INITIAL RELEASE	I.R.	04/24/13



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	830		890
Insertion Loss (dB)			
P1-P2; P3-P4		< .20	0.30
P2-P3; P4-P1		< .40	0.60
Isolation (dB)			
P2-P1; P4-P3	22	> 25	
P3-P2; P1-P4	45	> 55	
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	1000/200 Watts
Reverse Power CW	200 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

NOTES:

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

CW DUAL CIRCULATOR MODEL: CR2219H

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/

REMOVE ALL BURRS AND BREAK SHARP EDGES.

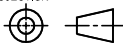
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5

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.

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DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION



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		



OUTLINE/SPECS

SIZE A	CAGE NO.	DWG NO. CR2219H-OS	REV. 1
SCALE: FULL		SHEET 1 OF 1	