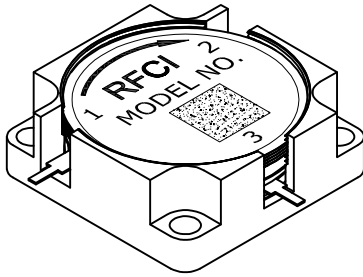
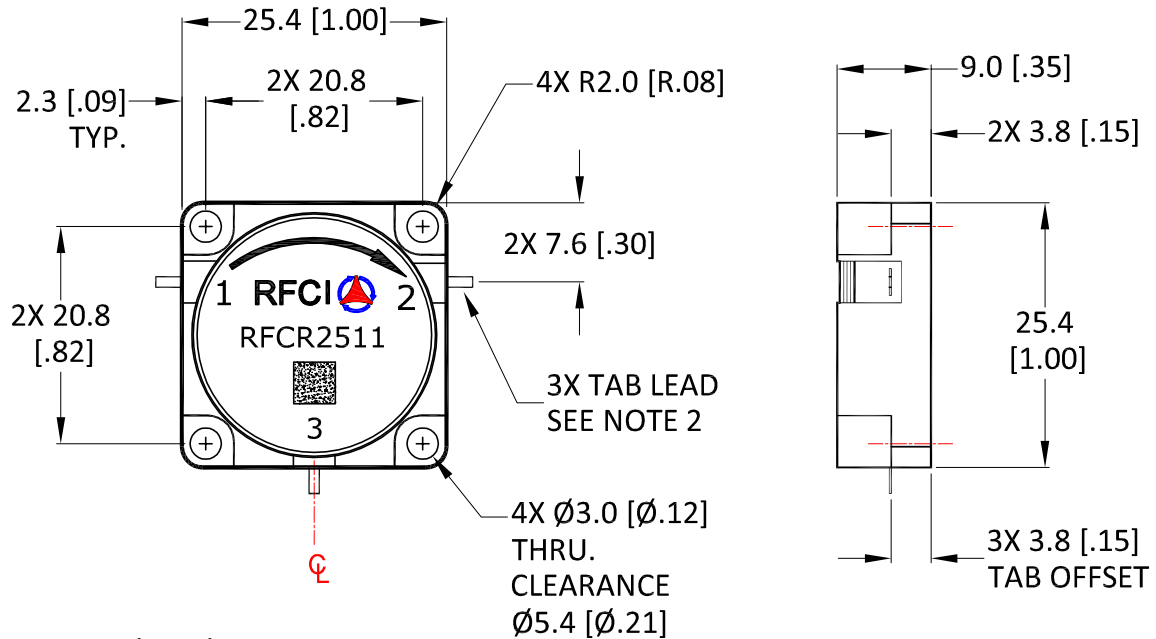


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

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



Terminal:

Port (1)-(2): Input-Output

Port (2)-(3)

Port (3)-(1)

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1805		1880
Insertion Loss: 1 to 2 (dB)		< .20	.30
Isolation: 2 to 1 (dB)	22	>25	
Return Loss (dB)	22	>25	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

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	1000/200 Watts
Reverse Power CW	200 Watts
Operating Temperature	-40 to +85° 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: RFCR2511

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:

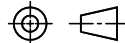
TOLERANCES ARE:
1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0°
2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/

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:

CHECKED BY:

DESIGN BY:

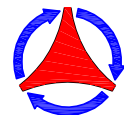
ENGINEER BY:

MFG. ENGR.

Q.A.

PROG. MGMT/MKT

RFCI



TITLE

OUTLINE/SPECS

SIZE
A

CAGE NO.

DWG NO.

CR2511-OS

REV.
B

SCALE: FULL

SHEET 1 OF 1