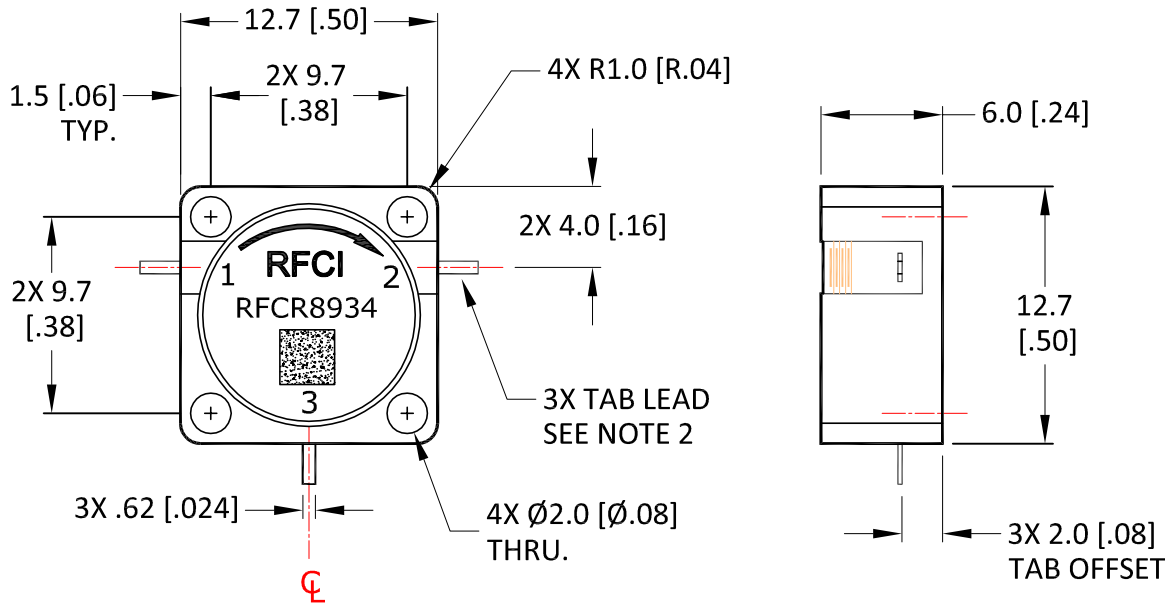


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM, CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY.
DO NOT REVISE MANUALLY.

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)

Body Housing: Steel, Nickel plated

Tab Lead: Be-Cu, Silver plated

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	8000		18000
Insertion Loss: In-Out (dB)		< 0.70	0.90
Isolation: Out-In (dB)	15	> 16	
Return Loss (dB)	15	> 16	

Notes:

- Typical Values Represent Performance @ +23 °C.
- Tab Dimensions: 0.62 [.024]W x 2.0 [.08]L x 0.20 [.008]T
- 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	250/25 Watts
Reverse Power CW	10 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: RFCR8934

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

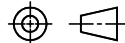
TOLERANCES ARE:
1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0°
2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/

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:

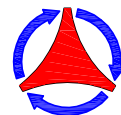
ENGINEER BY:

MFG. ENGR.

Q.A.

PROG. MGMT/MKT

RFCI



TITLE

OUTLINE/SPECS

SIZE
A

CAGE NO.

DWG NO.

CR8934-OS

REV.
B

SCALE: FULL

SHEET 1 OF 1