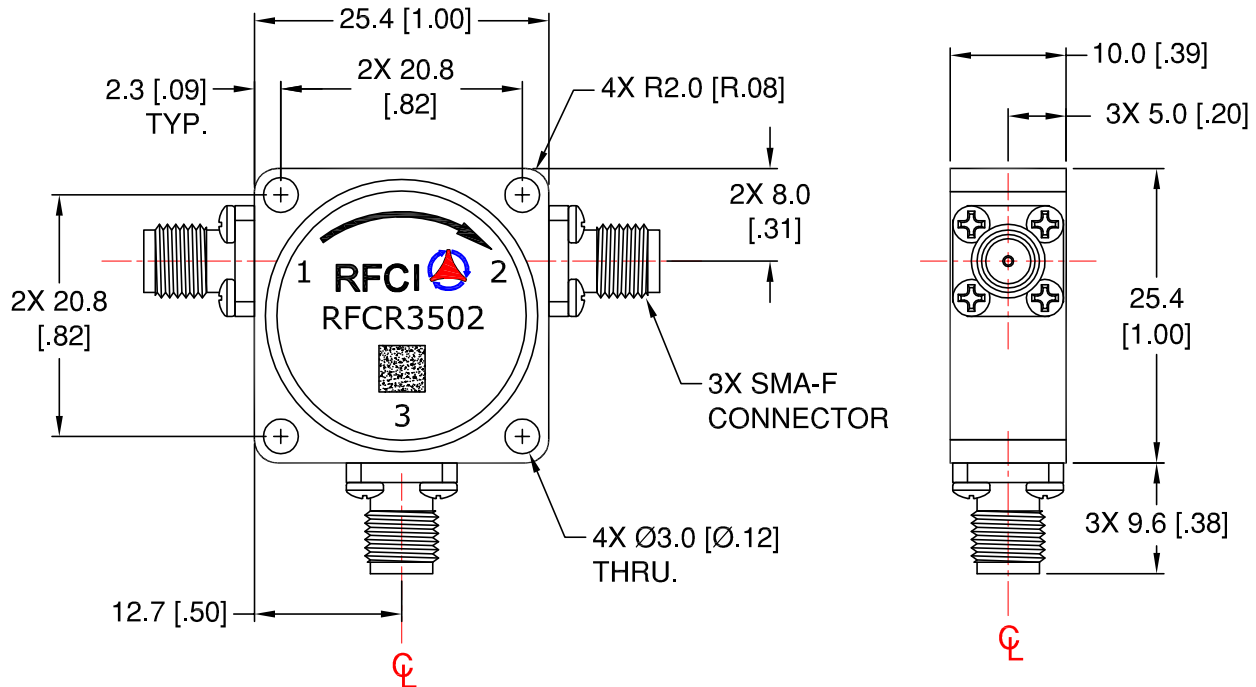


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	I.R.	11/28/15	P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1800		2200
Insertion Loss (dB)		< .40	.50
Isolation (dB)	19	> 21	
Return Loss (dB)	19	> 21	

Notes:

1. Typical Values Represent Performance @ +23 °C.
2. 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

SMA-F CIRCULATOR MODEL RFCR3502

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/

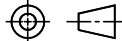
REMOVE ALL BURRS AND BREAK SHARP EDGES.
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5

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
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THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO
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THIRD ANGLE PROJECTION



APPROVALS

DATE

DRAWN BY:

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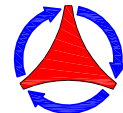
ENGINEER BY:

MFG. ENGR.

Q.A.

PROG. MGMT/MKT

RFCI



TITLE

OUTLINE/SPECS

SIZE
A

CAGE NO.

DWG NO.

CR3502-OS

REV.
A

SCALE: FULL

SHEET 1 OF 1