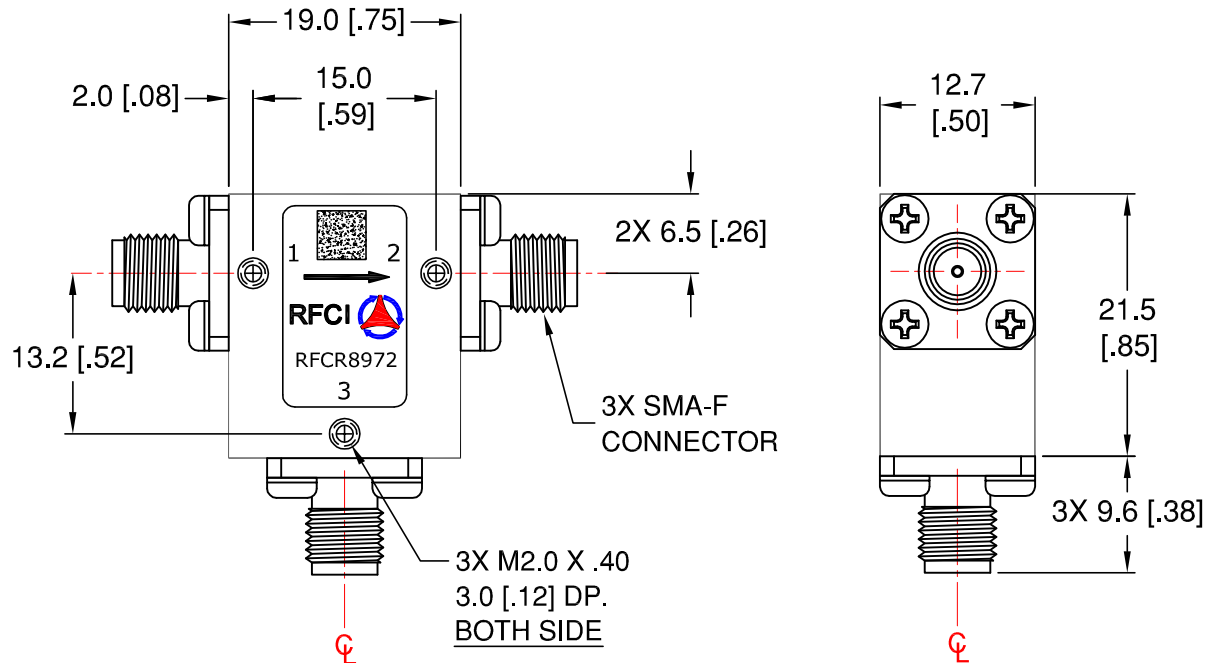


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

## REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	I.R.	12/20/15	P.T



## Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	5300		12700
Insertion Loss (dB)		< .70	.80
Isolation (dB)	15	> 16	
Return Loss (dB)	15	> 16	

## 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 &amp; Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	250/30 Watts
Reverse Power CW	20 Watts
Operating Temperature	-20 to +85° C
Storage Temperature	-40 to +95° C

## SMA-f CIRCULATOR MODEL RFCR8972

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:		THIRD ANGLE PROJECTION 		RFCI	
TOLERANCES ARE: 1 PLACE DECIMAL ±.2 [±.01] 2 PLACE DECIMAL ±.10 [±.004]		ANGULAR: ±1.0° SURFACE ROUGHNESS 16/		TITLE OUTLINE/SPECS	
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 DRAWN BY: CHECKED BY: DESIGN BY: ENGINEER BY: MFG. ENGR. Q.A. PROG. MGMT/MKT		SIZE A	
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DO NOT SCALE DRAWING		SCALE: FULL		DWG NO. CR8972-OS	
				REV. A	
				SHEET 1 OF 1	