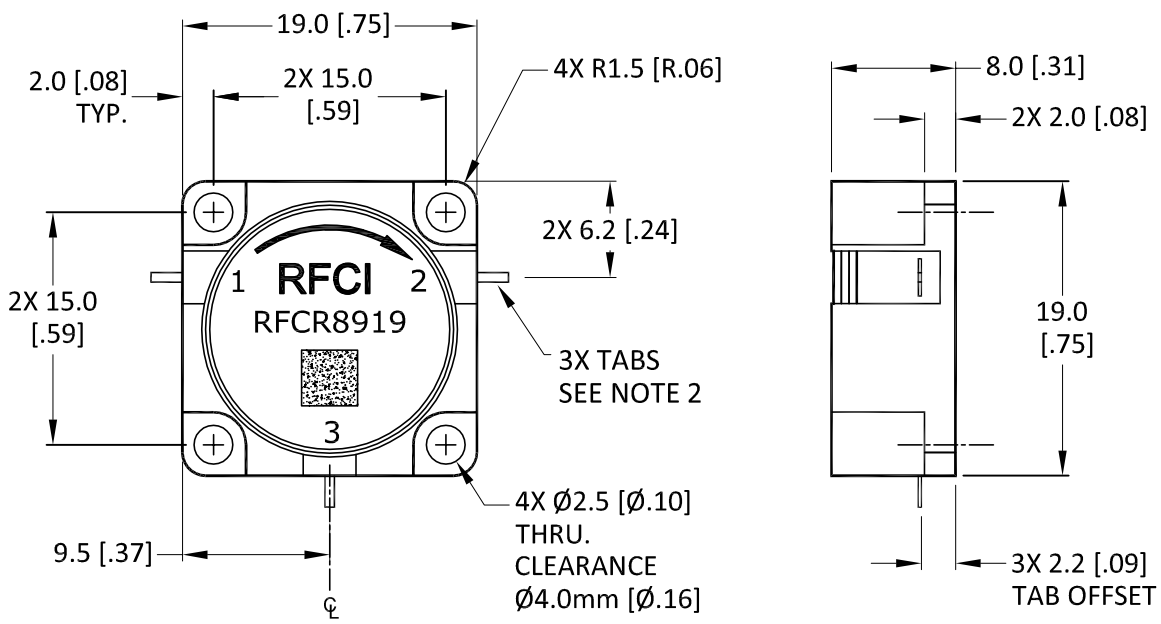THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

RoHS
2002/95/EC

19.0 [.75]
2.0 [.08] TYP.
2X 15.0 [.59]
4X R1.5 [R.06]
2X 6.2 [.24]
2X 15.0 [.59]
RFCI
RFCR8919
1   2
3
3X TABS SEE NOTE 2
9.5 [.37]
4X Ø2.5 [Ø.10] THRU. CLEARANCE Ø4.0mm [Ø.16]

8.0 [.31]
2X 2.0 [.08]
19.0 [.75]
3X 2.2 [.09] TAB OFFSET

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	4700		9700
Insertion Loss (dB)		< .50	.60
Isolation (dB)	16	> 17	
Return Loss (dB)	16	> 17	

Power & Temperature Ratings

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

Notes:
1. Typical Values Represent Performance @ +23 °C.
2. Tab Dimensions: 0.60 [.024]W x 2.0[.08]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

CW CIRCULATOR MODEL: RFCR8919

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

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	CAGE NO.	DWG NO.	REV.
A		CR8919-OS	A

SCALE: FULL

SHEET 1 OF 1