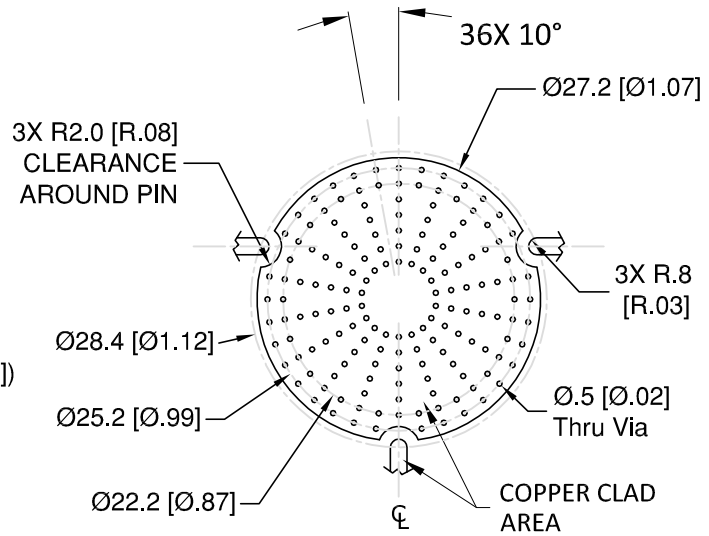
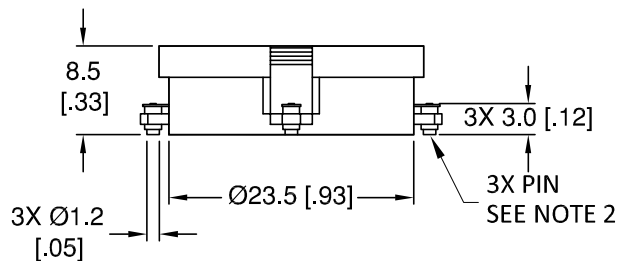
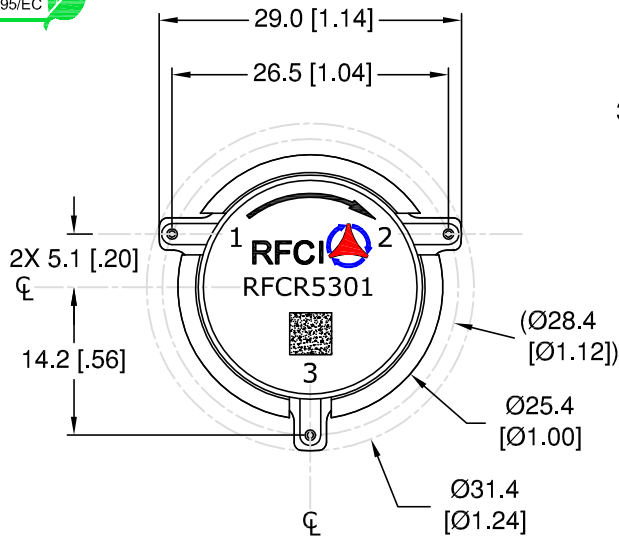


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.



Recommended Footprint

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	920		960
Insertion Loss (dB)		< .22	.30
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

Finish:

1. Housing: Silver plated
2. Pin: Gold plated

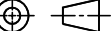
Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	500/200 Watts
Reverse Power CW	100 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-50 to +125° C

Notes:

1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. Coplanarity specification: 0.10 [.004] Max.

CW SMD CIRCULATOR MODEL: RFCR5301

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:		THIRD ANGLE PROJECTION 		RFCI 			
TOLERANCES ARE: 1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0° 2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/		APPROVALS DATE		TITLE			
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		DRAWN BY: CHECKED BY:		OUTLINE/SPECS			
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. THIS INFORMATION SHALL NOT BE USED BY ANYONE OTHER THAN RFCI TO DESIGN OR CONSTRUCT ANY OF THE ITEMS DEPICTED, NOR SHALL IT BE DISCLOSED, DUPLICATED, OR COPIED FOR ANY PURPOSE, NOR MADE AVAILABLE TO ANY THIRD PARTY WITHOUT THE PRIOR WRITTEN CONSENT OF A RFCI OFFICIAL."		DESIGN BY: ENGINEER BY: MFG. ENGR. Q.A. PROG. MGMT/MKT		SIZE A		CAGE NO.	
DO NOT SCALE DRAWING				DWG NO. CR5301-OS		REV. 1	
				SCALE: FULL		SHEET 1 OF 1	