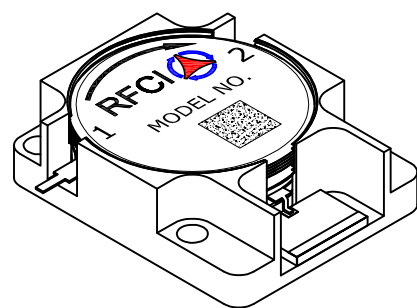
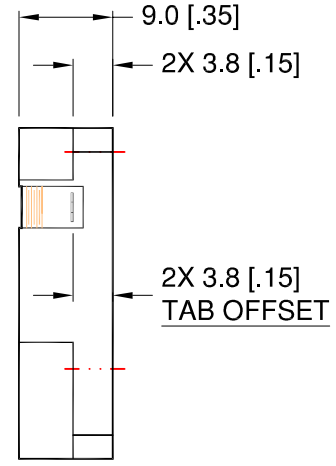
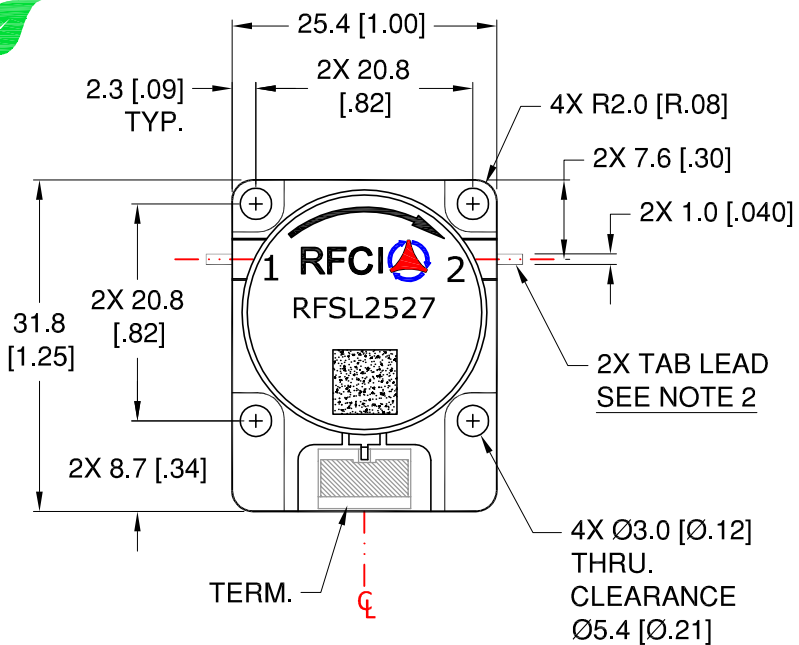


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
A	ADD ISOVIEW	20-003	03/30/20
			APPROVED P.T



Finish:
 Body Housing: Steel, Nickel plated
 Tab Lead: Be-Cu, Silver plated

Terminal:
 Port (1): Input
 Port (2): Output

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1800		2000
Insertion Loss: In-Out (dB)		< 0.20	0.35
Isolation: Out-In (dB)	22	> 25	
Return Loss (dB)	22	> 25	
FWD IMD : 2T @ 37W 5MHz Spacing (dBc)		tbd	

Permanent damage to the Device or reduce reliability if exceeding any of the limits.
 Port (1) and (2): DC connected and floating with the 50 Ohm resistance of the internal load as the only ground connection.

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/CW	1000/200 Watts
Reverse PWR Peak/CW	1000/100 Watts
Termination Rating (see note 3)	150 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

Notes:
 1. Typical Values Represent Mid-Band Performance @ +23 °C.
 2. Tab dims: 1.0 [.040]W x 3.0 [.12]L x .20 [.008]Thk.
 3. Isolator Flange held to +85°C Max.

CW 100W ISOLATOR MODEL: RFSL2527

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/	THIRD ANGLE PROJECTION 		
	APPROVALS DRAWN BY: CHECKED BY: DESIGN BY: ENGINEER BY: MFG. ENGR. Q.A. PROG. MGMT/MKT	DATE	
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	SIZE A CAGE NO. DWG NO. SL2527-OS REV. A		SCALE: FULL SHEET 1 OF 1
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."	DO NOT SCALE DRAWING		