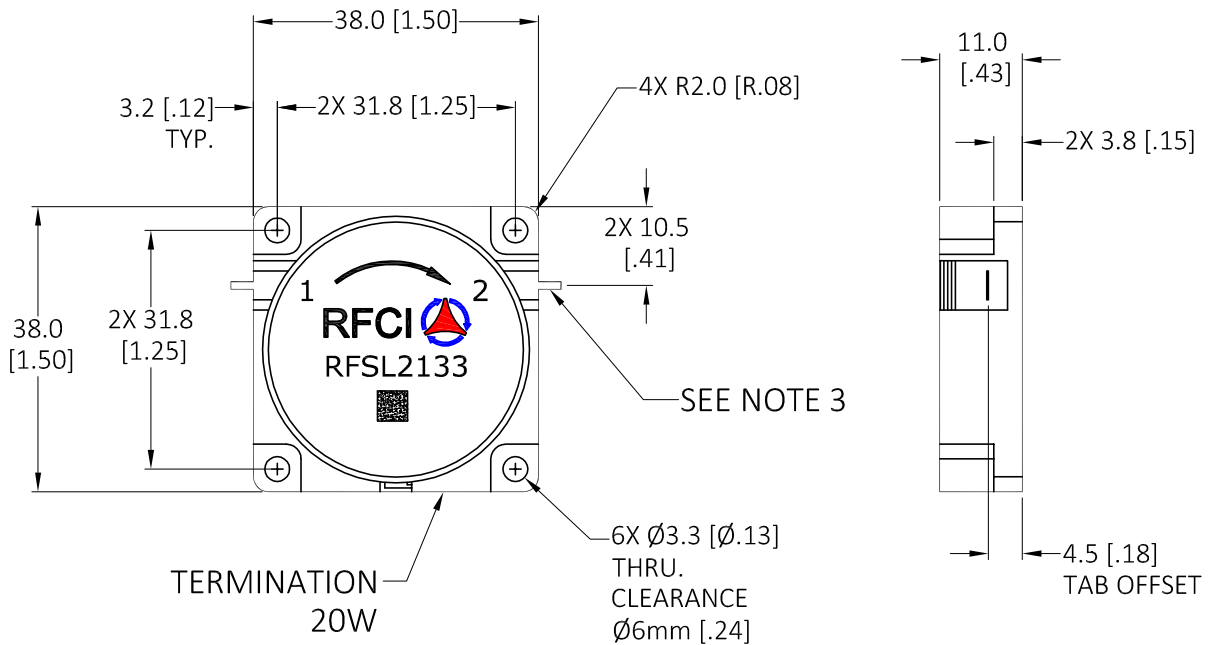


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.



REVISIONS			
REV.	DESCRIPTION	ECO	DATE
1	INITIAL RELEASE	I.R.	04/20/13
			APPROVED
			P.T



### Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	380		430
Insertion Loss (dB)		< .30	.50
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	

### Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/200 Watts
Reverse Power CW	20 Watts
Termination Rating (See Note 2.)	20 Watts
Operating Temperature	-20 to +85° C
Storage Temperature	-40 to +95° C

**Notes:**

1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. Isolator Flange held to +85°C; 30 Min. maximum Duration.
3. Tab dims: 1.00[.039]Width x 3.0[.12]Length x .20[.008]Thick

### CW 20W ISOLATOR MODEL: RFSL2133

<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):</p> <p>TOLERANCES ARE:</p> <table border="1"> <tr> <td>1 PLACE DECIMAL ±.2 [±.01]</td> <td>ANGULAR: ±1.0°</td> </tr> <tr> <td>2 PLACE DECIMAL ±.10 [±.004]</td> <td>SURFACE ROUGHNESS 16/</td> </tr> </table> <p>REMOVE ALL BURRS AND BREAK SHARP EDGES. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING &amp; TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5</p> <p>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."</p>	1 PLACE DECIMAL ±.2 [±.01]	ANGULAR: ±1.0°	2 PLACE DECIMAL ±.10 [±.004]	SURFACE ROUGHNESS 16/	<p>THIRD ANGLE PROJECTION</p>																																
	1 PLACE DECIMAL ±.2 [±.01]	ANGULAR: ±1.0°																																			
2 PLACE DECIMAL ±.10 [±.004]	SURFACE ROUGHNESS 16/																																				
<p>APPROVALS</p> <table border="1"> <tr> <td>DRAWN BY:</td> <td>HV</td> <td>DATE</td> <td>04/17/13</td> </tr> <tr> <td>CHECKED BY:</td> <td>P.T</td> <td>DATE</td> <td>04/18/13</td> </tr> <tr> <td>DESIGN BY:</td> <td>P.T</td> <td>DATE</td> <td>12/12/12</td> </tr> <tr> <td>ENGINEER BY:</td> <td>P.T</td> <td>DATE</td> <td>12/12/12</td> </tr> <tr> <td>MFG. ENGR.</td> <td>L.T</td> <td>DATE</td> <td>04/20/13</td> </tr> <tr> <td>Q.A.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>PROG. MGMT/MKT</td> <td></td> <td></td> <td></td> </tr> </table>	DRAWN BY:	HV	DATE	04/17/13	CHECKED BY:	P.T	DATE	04/18/13	DESIGN BY:	P.T	DATE	12/12/12	ENGINEER BY:	P.T	DATE	12/12/12	MFG. ENGR.	L.T	DATE	04/20/13	Q.A.				PROG. MGMT/MKT				<p>OUTLINE/SPECS</p> <table border="1"> <tr> <td>SIZE</td> <td>CAGE NO.</td> <td>DWG NO.</td> <td>REV.</td> </tr> <tr> <td>A</td> <td></td> <td>SL2133-OS</td> <td>1</td> </tr> </table>	SIZE	CAGE NO.	DWG NO.	REV.	A		SL2133-OS	1
DRAWN BY:	HV	DATE	04/17/13																																		
CHECKED BY:	P.T	DATE	04/18/13																																		
DESIGN BY:	P.T	DATE	12/12/12																																		
ENGINEER BY:	P.T	DATE	12/12/12																																		
MFG. ENGR.	L.T	DATE	04/20/13																																		
Q.A.																																					
PROG. MGMT/MKT																																					
SIZE	CAGE NO.	DWG NO.	REV.																																		
A		SL2133-OS	1																																		
DO NOT SCALE DRAWING	SCALE: FULL	SHEET 1 OF 1																																			