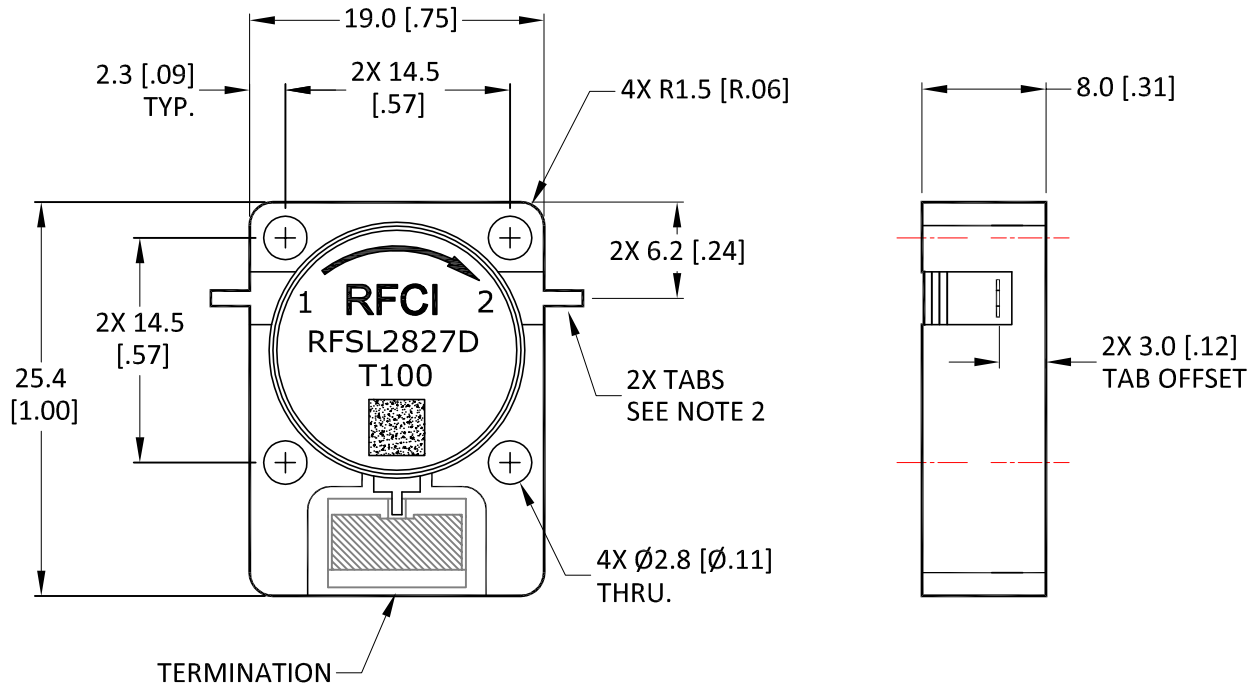


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	I.R.	10/20/14	P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2300		2700
Insertion Loss (dB)		< .25	.35
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	

Notes:

1. Typical Values Represent Performance @ +23 °C.
2. Tab Dimensions: 1.00 [0.040]W x 3.0 [0.12]L x 0.20 [0.008]T
3. Isolator Flange held to +85°C; 30 Minute Maximum Duration

Power & Temperature Ratings

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

CW ISOLATOR MODEL: RFSL2827D-T100

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/		APPROVALS	
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:		DATE	
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."		CHECKED BY:		TITLE	
		DESIGN BY:		OUTLINE/SPECS	
		ENGINEER BY:		SIZE	
		MFG. ENGR.		CAGE NO.	
		Q.A.		DWG NO.	
		PROG. MGMT/MKT		SL2827D-T100-OS	
DO NOT SCALE DRAWING				REV. A	
				SCALE: FULL	
				SHEET 1 OF 1	