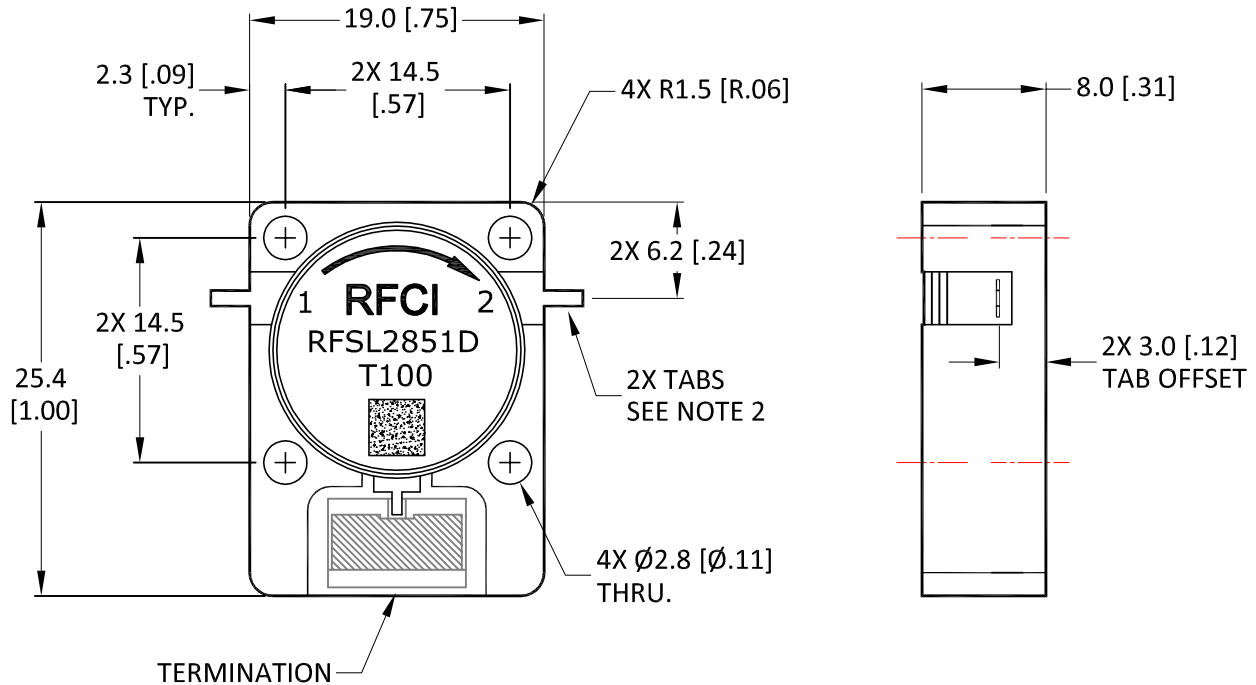


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

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



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2490		2690
Insertion Loss (dB)		< .20	.30
Isolation (dB)	22	> 25	
Return Loss (dB)	22	> 25	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

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

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

CW ISOLATOR MODEL: RFSL2851D-T100

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 		RFCI	
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		APPROVALS DRAWN BY: CHECKED BY: DESIGN BY: ENGINEER BY: MFG. ENGR. Q.A. PROG. MGMT/MKT			
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DO NOT SCALE DRAWING		SCALE: FULL		DWG NO. SL2851D-T100-OS	REV. A
				SHEET 1 OF 1	