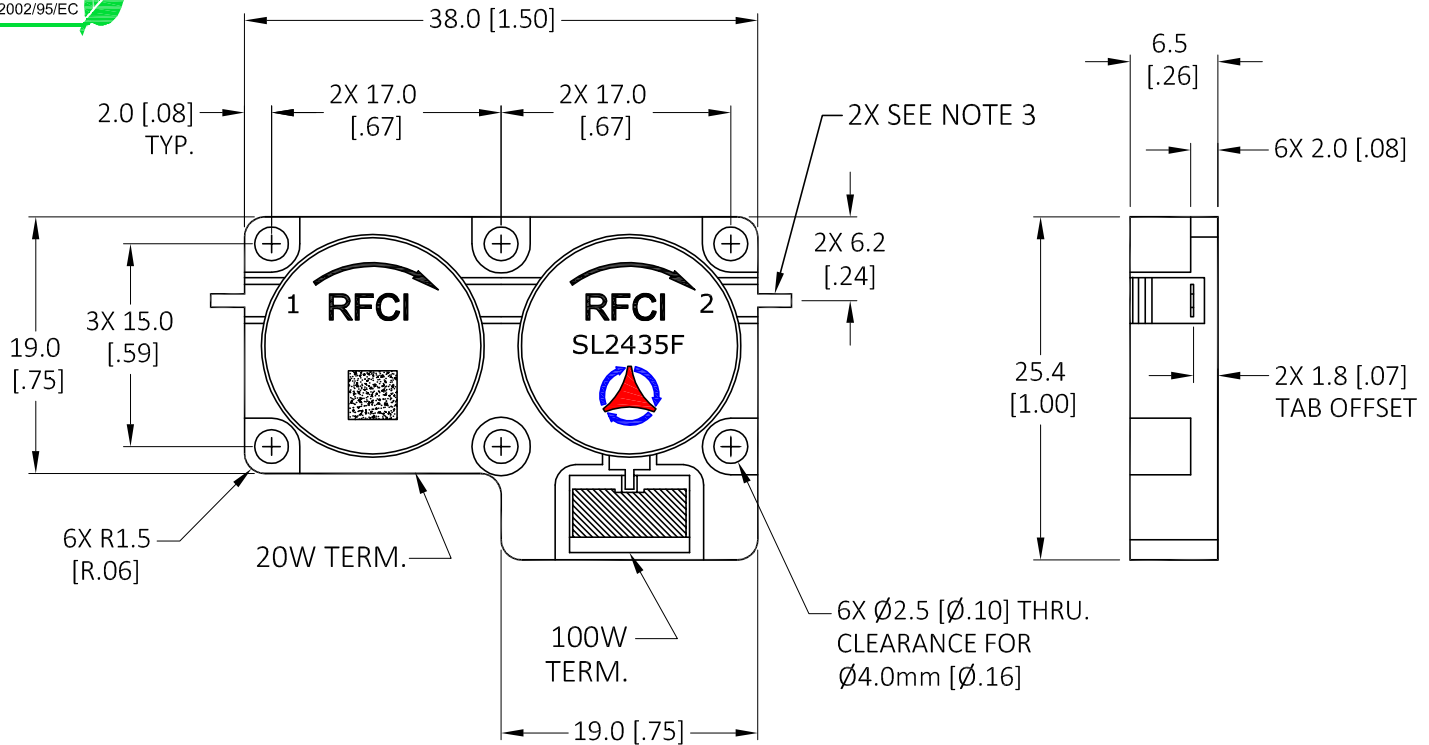


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
1	INITIAL RELEASE	I.R.	04/30/13
			APPROVED
			P.T



### Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1710		1785
Insertion Loss (dB)		< .40	.60
Isolation (dB)	45	> 55	
Return Loss (dB)	22	> 25	
FWD IMD: 2T at 37W per T		75	
REV IMD: 2T at: 1st Tone at 63W @ P1 2nd Tone at 0.63W @ P2 both at 5MHz Spacing (dBC)		90	

### Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/100 Watts
Reverse Power CW	100 Watts
Termination Rating (See Note 2)	100 Watts
Operating Temperature	-40 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 2.5[.10]Length x .20[.008]Thick

## CW 100W DUAL ISOLATOR MODEL: SL2435F

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 		
	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: HV 04/26/13 CHECKED BY: P.T 04/29/13 DESIGN BY: P.T 04/01/13 ENGINEER BY: P.T 04/01/13 MFG. ENGR. L.T 4/30/13 Q.A. PROG. MGMT/MKT	
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DO NOT SCALE DRAWING		SIZE A SCALE: FULL	CAGE NO. DWG NO. SL2435F-OS REV. 1
			SHEET 1 OF 1