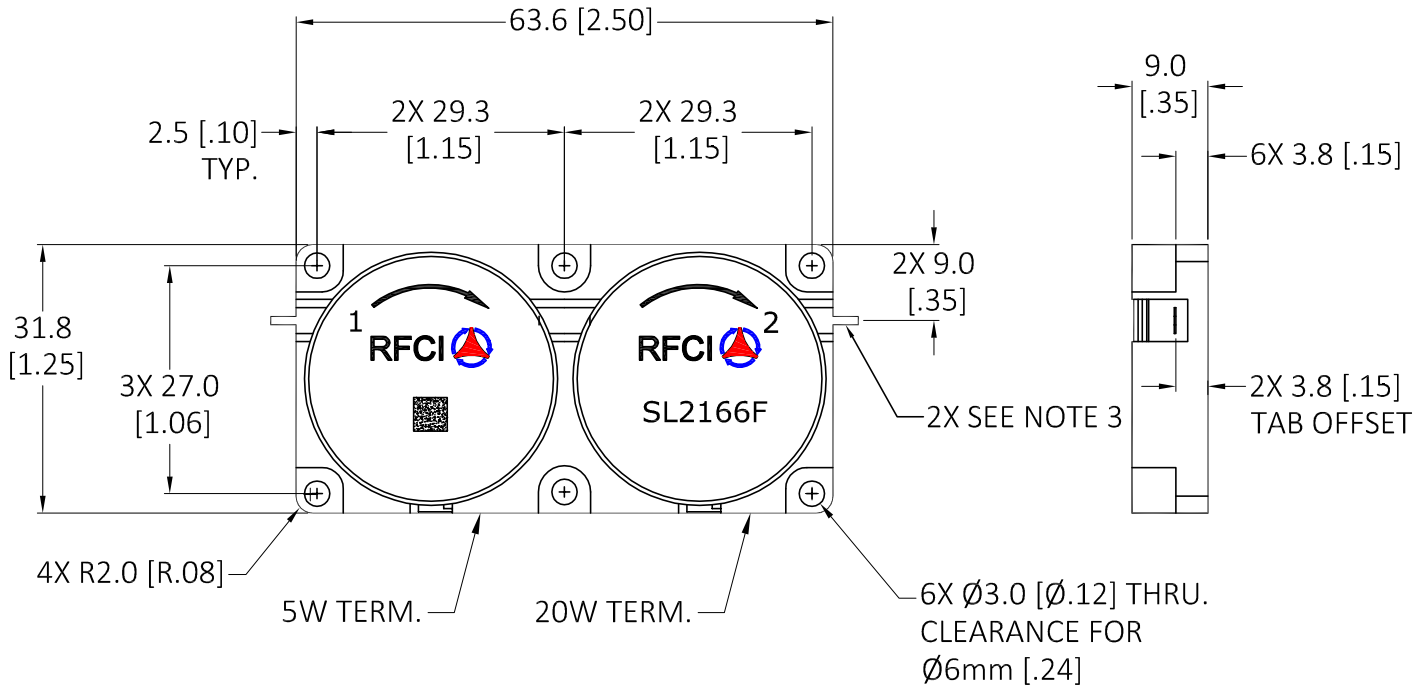


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
1	INITIAL RELEASE	I.R.	04/25/13
			APPROVED
			P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	728		821
Insertion Loss (dB)		< .50	0.70
Isolation (dB)	40	> 48	
Return Loss (dB)	20	> 23	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

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	-40 to +85° C
Storage Temperature	-40 to +90° 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 DUAL JUNCTION ISOLATOR MODEL: SL2166F

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 DATE DRAWN BY: HV 04/22/13 CHECKED BY: P.T 04/23/13 DESIGN BY: P.T 04/01/13 ENGINEER BY: P.T 04/01/13 MFG. ENGR. L.T 4/24/13 Q.A. PROG. MGMT/MKT			
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DO NOT SCALE DRAWING		SCALE: FULL		SHEET 1 OF 1	