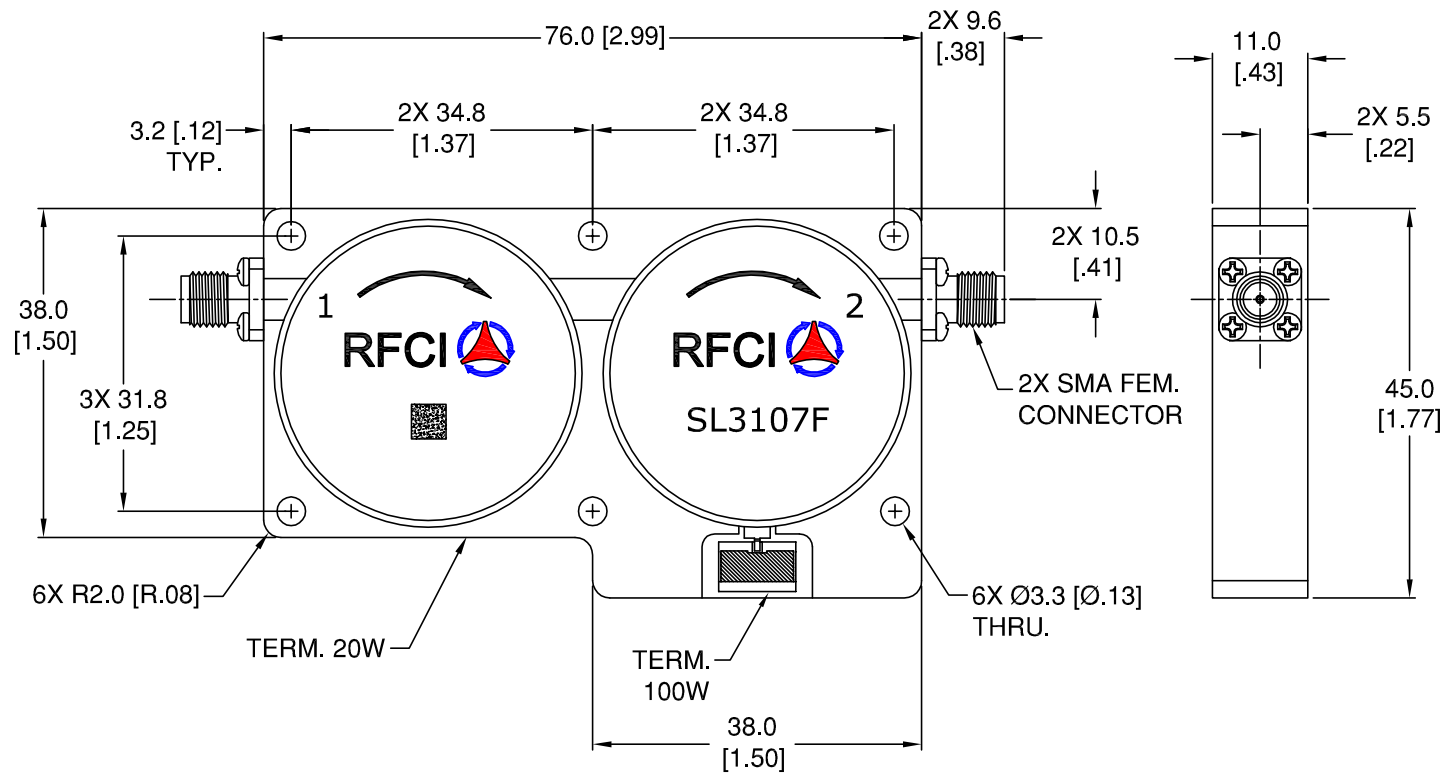


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
1	INITIAL RELEASE	I.R.	08/29/13



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	450		500
Insertion Loss (dB)		< .60	.80
Isolation (dB)	42	> 48	
Return Loss (dB)	20	> 23	

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/200 Watts
Reverse Power CW	100 Watts
Termination Rating (See Note 2)	100 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.

CW 100W SMAf DUAL JUNCTION ISOLATOR MODEL SL3107F

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 	
	APPROVALS DATE DRAWN BY: CHECKED BY: DESIGN BY: ENGINEER BY: MFG. ENGR. Q.A. PROG. MGMT/MKT	
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	SIZE CAGE NO. DWG NO. REV. A SL3107F-OS 1	SCALE: FULL SHEET 1 OF 1
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