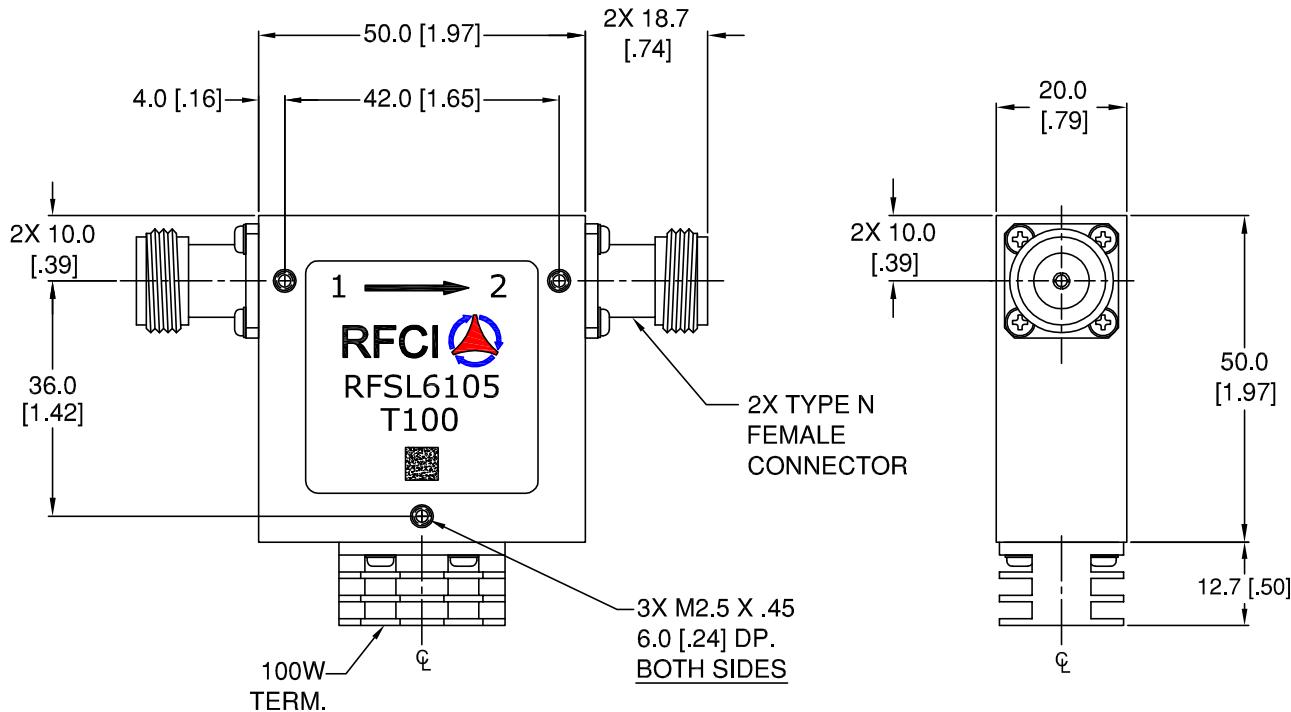


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS				
REV.	DESCRIPTION	ECO	DATE	APPROVED
1	INITIAL RELEASE	I.R.	07/05/13	P.T



## Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	470		570
Insertion Loss (dB)		< .40	.50
Isolation (dB)	18	> 20	
Return Loss (dB)	18	> 20	

### Notes:

1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. Isolator held to +85°C; 30 Min. maximum Duration.

## Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/Avg	2.5K/250 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

## Nf 100W ISOLATOR MODEL: RFSL6105-T100

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):		THIRD ANGLE PROJECTION							
1 PLACE DECIMAL 2 PLACE DECIMAL	±.2 [.01] ±.10 [.004]	ANGULAR: ±1.0°	SURFACE ROUGHNESS 16/				APPROVALS	DATE	
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:			
						CHECKED BY:			
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 RFI 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 RFI OFFICIAL."						DESIGN BY:			
						ENGINEER BY:			
						MFG. ENGR.			
Q.A.						SIZE	CAGE NO.	DWG NO.	REV.
						A		SL6105-T100-OS	1
DO NOT SCALE DRAWING						SCALE: FULL		SHEET 1 OF 1	