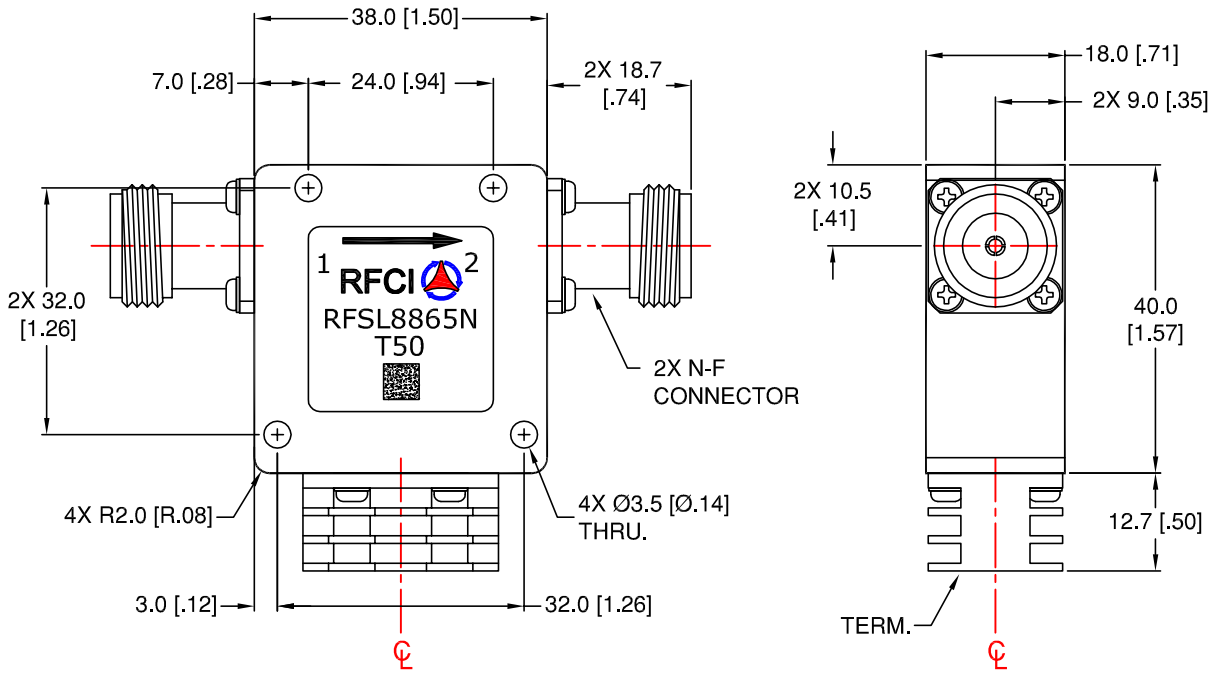


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS			
REV.	DESCRIPTION	ECO	DATE
A	INITIAL RELEASE	I.R.	01/05/16
			APPROVED
			P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2000		3000
Insertion Loss (dB)		< .40	.50
Isolation (dB)	20	> 21	
Return Loss (dB)	20	> 21	

- Notes:
 1. Typical Values Represent Mid-Band Performance @ +23 °C.
 2. Isolator Flange held to +65°C; 30 Minute maximum Duration.

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	500/50 Watts
Reverse Power CW	50 Watts
Termination Rating (See Note 2)	50 Watts
Operating Temperature	-20 to +85° C
Storage Temperature	-40 to +95° C

50W N-f ISOLATOR MODEL: RFSL8865N-T50

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 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 RFCI 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 RFCI OFFICIAL."	SIZE: A CAGE NO.: _____ DWG NO.: SL8865N-T50-OS REV.: A	SCALE: FULL SHEET 1 OF 1
DO NOT SCALE DRAWING		