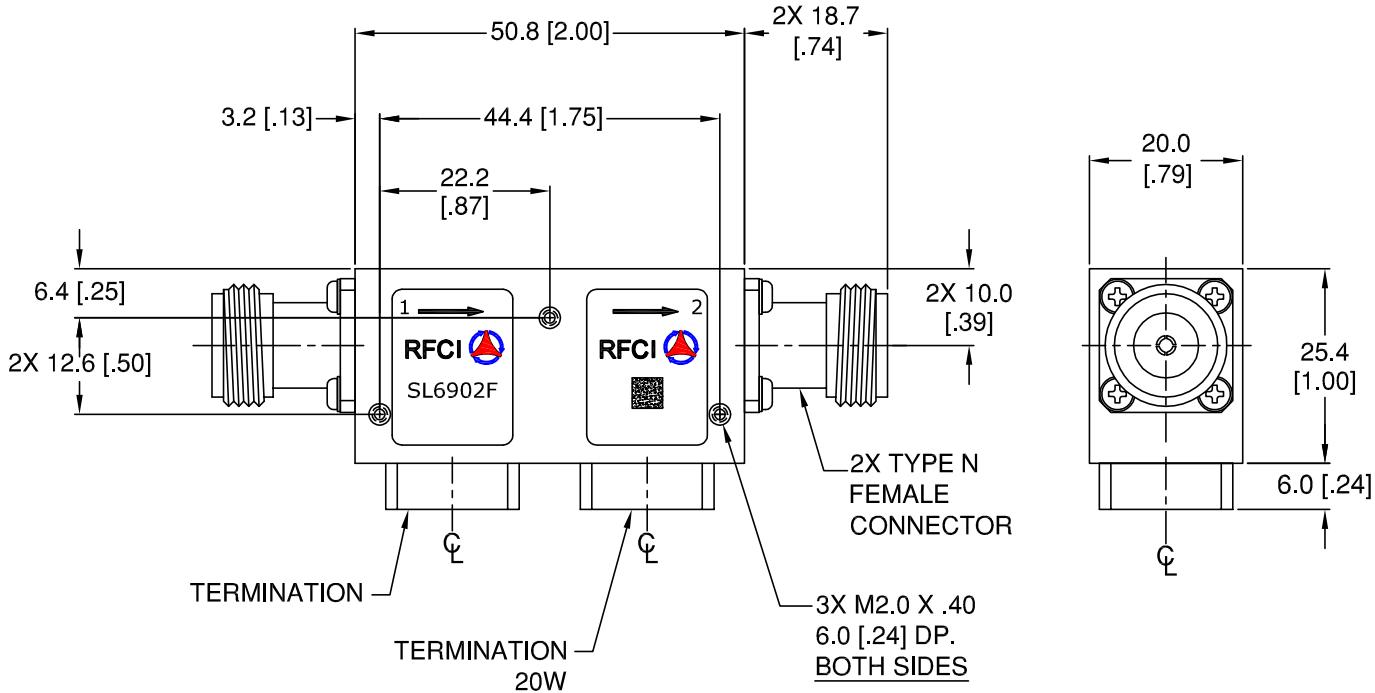


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.



REVISIONS				
REV.	DESCRIPTION	ECO	DATE	APPROVED
1	INITIAL RELEASE	I.R.	08/30/13	P.T



## Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	4200		5200
Insertion Loss (dB)		< .70	.90
Isolation (dB)	42	> 48	
Return Loss (dB)	20	> 23	

### 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	500/50 Watts
Reverse Power CW	20 Watts
Termination Rating (see Note 2)	20 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

## Nf 20W DUAL ISOLATOR MODEL: SL6902F

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):		THIRD ANGLE PROJECTION		APPROVALS		DATE	
TOLERANCES ARE: 1 PLACE DECIMAL $\pm .2$ [.01]      ANGULAR: $\pm 1.0^\circ$ 2 PLACE DECIMAL $\pm .10$ [.004]      SURFACE ROUGHNESS $16/$							
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:		DESIGN 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."		ENGINEER BY:		MFG. ENGR.		OUTLINE/SPECS	
DO NOT SCALE DRAWING		SIZE A		CAGE NO.		DWG NO. SL6902F-OS	
		SCALE: FULL				REV. 1	
						SHEET 1 OF 1	