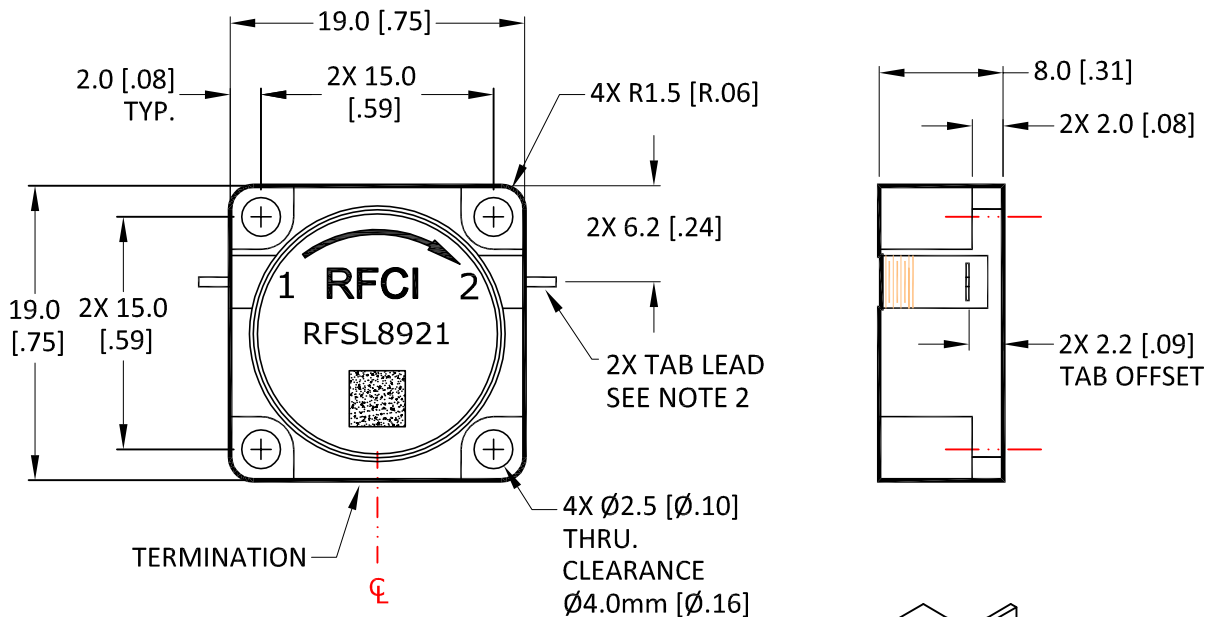


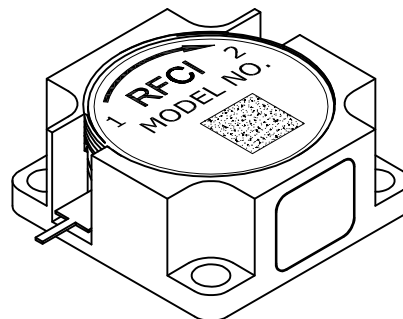
REVISIONS

| REV. | DESCRIPTION | ECO | DATE | APPROVED |
|------|--------------------|--------|----------|----------|
| B | ADD ISOMETRIC VIEW | 18-010 | 11/14/18 | P.T |

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



Terminal:
 Port (1): Input
 Port (2): Output
 Body Housing: Steel, Nickel plated
 Tab Lead: Be-Cu, Silver plated



Specifications

| Parameter | Minimum | Typical | Maximum |
|-----------------------------|---------|---------|---------|
| Frequency Range (MHz) | 6000 | | 12000 |
| Insertion Loss: In-Out (dB) | | < 0.50 | 0.60 |
| Isolation: Out-In (dB) | 17 | > 19 | |
| Return Loss (dB) | 17 | > 19 | |

- Notes:
 1. Typical Values Represent Performance @ +23 °C.
 2. Tab Dimensions: 0.60[.024]W x 2.0[.08]L x 0.20[.008]T
 3. Isolator Flange held to +85°C Minute Maximum Duration.

Power & Temperature Ratings

| Parameter | Maximum |
|---------------------------------|---------------|
| Forward PWR Peak/AVG | 250/25 Watts |
| Reverse Power CW | 10 Watts |
| Termination Rating (See Note 3) | 10 Watts |
| Operating Temperature | -40 to +85° C |
| Storage Temperature | -40 to +95° C |

Permanent damage to the Device or reduce reliability if exceeding any of the limits.
 Port (1) and (2): DC connected and floating with the 50 ohm resistance of the internal load as the only ground connection.

CW ISOLATOR MODEL: RFSL8921

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 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. SL8921-OS REV. B | SCALE: FULL SHEET 1 OF 1 |
| DO NOT SCALE DRAWING | | |