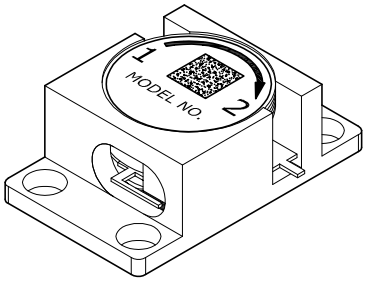
| DWG. NO. | SHT | REV |
|---|---|---|
| SL2964E-OS | 1 | A |

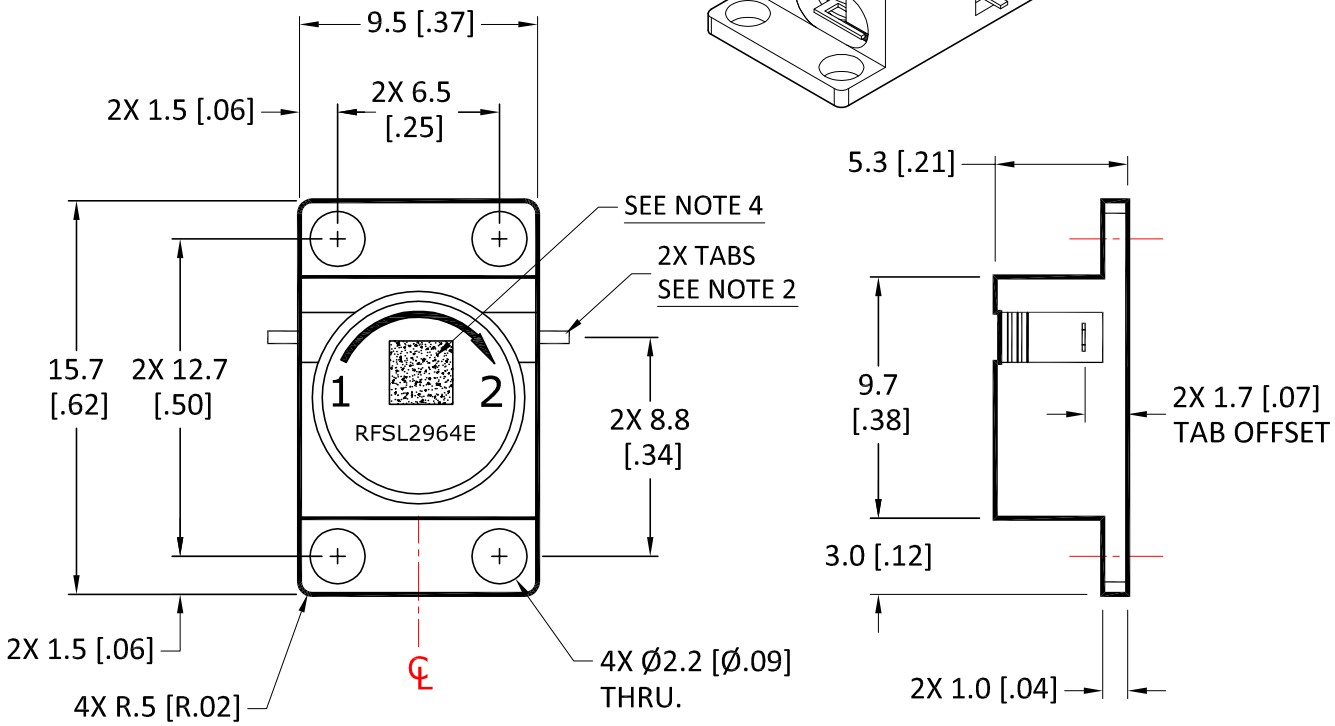
THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

| REV. | DESCRIPTION | ECO | DATE | APPROVED |
|---|---|---|---|---|
| A | INITIAL RELEASE | I.R. | 11/14/18 | P.T |

RoHS COMPLIANT




Terminal:
Port (1): Input
Port (2): Output

## Specifications

| Parameter | Minimum | Typical | Maximum |
|---|---|---|---|
| Frequency Range (GHz) | 12.7 | | 14.5 |
| Insertion Loss: In-Out (dB) | | < .35 | .40 |
| Isolation: Out-In (dB) | 19 | > 22 | |
| Return Loss (dB) | 19 | > 22 | |

Notes:
1. Typical Values Represent Performance @ +23 °C.
2. Tab Dimensions: 0.50 [.020]W x 1.3 [.05]L x 0.13 [.005]T
3. Isolator Flange held to +85°C; 30 Minute Maximum Duration
4. MATRIX BAR CODE: Part Number, Serial Number and Date Code

## Power & Temperature Ratings

| Parameter | Maximum |
|---|---|
| Forward PWR Peak/AVG | 250/25 Watts |
| Reverse Power CW | 2 Watts |
| Termination Rating (See Note 3) | 5 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: RFSL2964E

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/

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



DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

| APPROVALS | DATE |
|---|---|
| DRAWN BY: | |
| CHECKED BY: | |
| DESIGN BY: | |
| ENGINEER BY: | |
| MFG. ENGR. | |
| Q.A. | |
| PROG. MGMT/MKT | |

RFCI

TITLE
OUTLINE/SPECS

| SIZE | CAGE NO. | DWG NO. | REV. |
|---|---|---|---|
| A | | SL2964E-OS | A |

SCALE: FULL | SHEET 1 OF 1