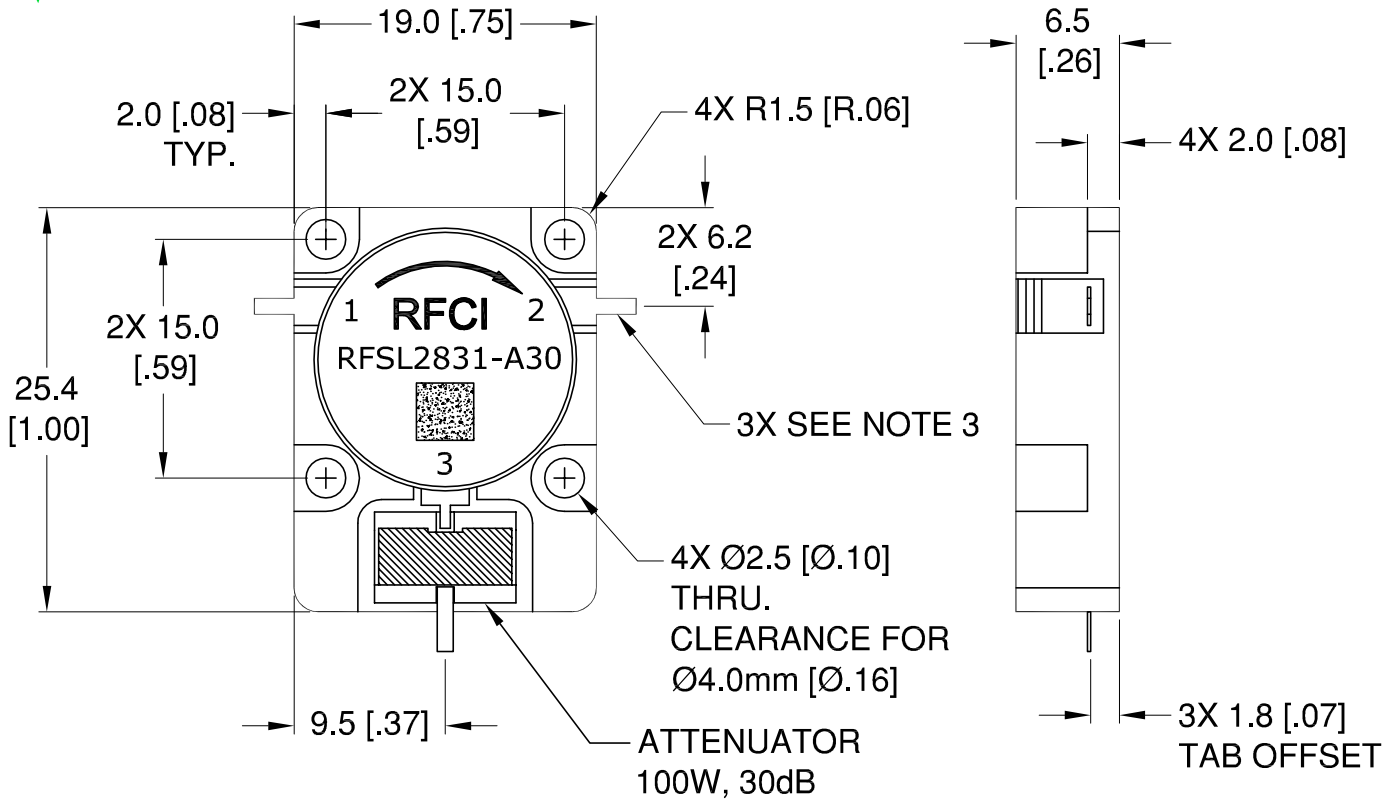


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

| REV. | DESCRIPTION     | ECO  | DATE     | APPROVED |
|------|-----------------|------|----------|----------|
| 1    | INITIAL RELEASE | I.R. | 04/22/13 | P.T      |



## Specifications

| Parameter             | Minimum | Typical | Maximum |
|-----------------------|---------|---------|---------|
| Frequency Range (MHz) | 2200    |         | 2300    |
| Insertion Loss (dB)   |         | < .20   | .30     |
| Isolation (dB)        | 22      | > 25    |         |
| Return Loss (dB)      | 22      | > 25    |         |

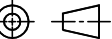
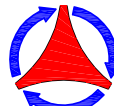
### Notes:

1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. Iso-Attenuator Flange held to +85°C; 30 Min. maximum Duration.
3. Tab dims: 1.00[.039]Width x 2.5[.10]Length x .20[.008]Thick

## Power & Temperature Ratings

| Parameter                      | Maximum        |
|--------------------------------|----------------|
| Forward PWR Peak/AVG           | 1000/100 Watts |
| Reverse Power CW               | 100 Watts      |
| Attenuator Rating (See Note 2) | 100 Watts      |
| Attenuation (P3)               | 30dB±1dB       |
| Operating Temperature          | -40 to +85° C  |
| Storage Temperature            | -40 to +95° C  |

## CW 100W-30dB ISO-ATTENUATOR MODEL: RFSL2831-A30

|                                                                                                                                                                                                                                                                                               |  |  |                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                       |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:</div> <div><div>TOLERANCES ARE:</div><div><div>1 PLACE DECIMAL ±.2 [±.01]</div><div>2 PLACE DECIMAL ±.10 [±.004]</div></div><div><div>ANGULAR: ±1.0°</div><div>SURFACE ROUGHNESS 16/</div></div></div> |  |  | <div>THIRD ANGLE PROJECTION</div> <div></div> <div><div>APPROVALS</div><div>DATE</div></div> <div><div>DRAWN BY: HV04/19/13</div><div>CHECKED BY: P.T04/20/13</div><div>DESIGN BY: P.T12/12/12</div><div>ENGINEER BY: P.T01/15/13</div><div>MFG. ENGR. L.T04/21/13</div><div>Q.A.</div><div>PROG. MGMT/MKT</div></div> |  | <div><div>RFCI</div><div></div></div> <div>TITLE</div> <div>OUTLINE/SPECS</div> <div><div>SIZE A</div><div>CAGE NO.</div><div>DWG NO. SL2831-A30-OS</div><div>REV. 1</div></div> |  |  |
| <div>DO NOT SCALE DRAWING</div>                                                                                                                                                                                                                                                               |  |  | <div>SCALE: FULL</div>                                                                                                                                                                                                                                                                                                                                                                                    |  | <div>SHEET 1 OF 1</div>                                                                                                                                                                                                                                               |  |  |