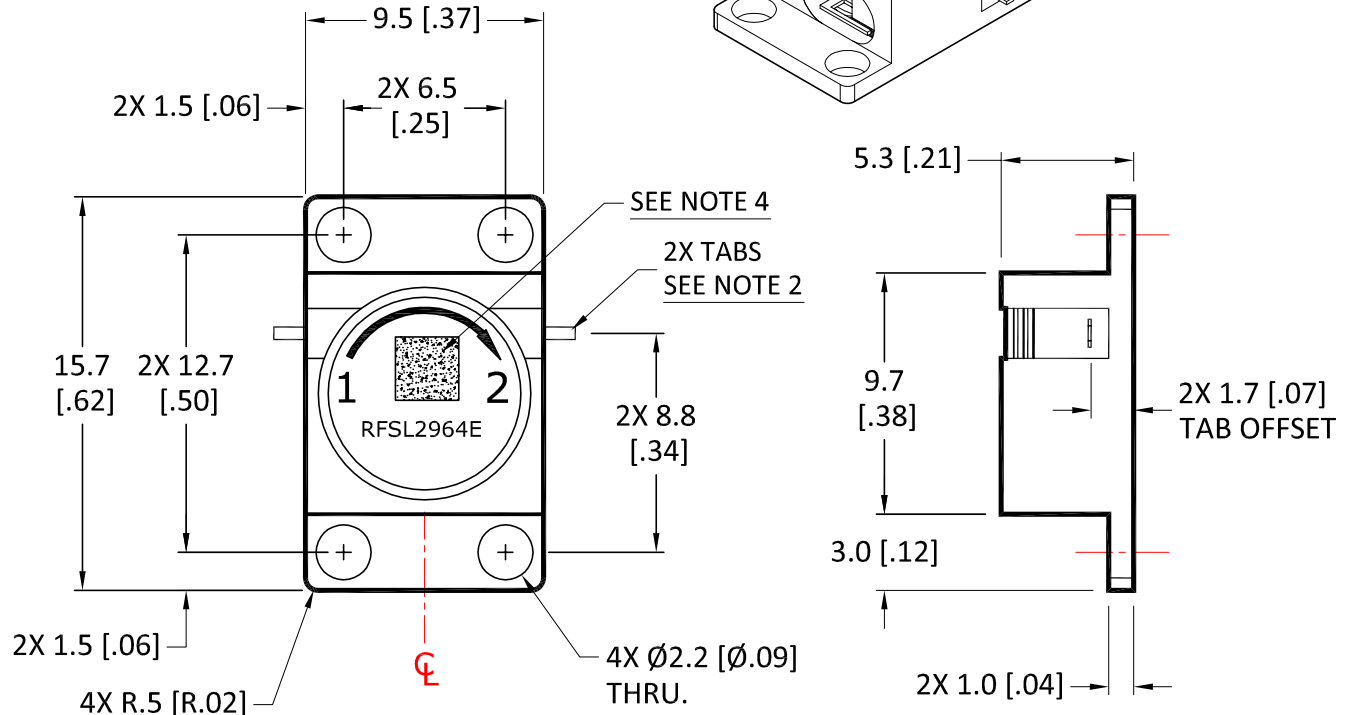
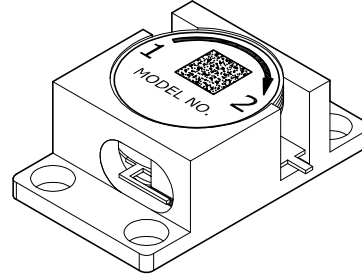


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.



REVISIONS

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



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]:

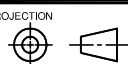
TOLERANCES ARE:

1 PLACE DECIMAL	$\pm .2$ [$\pm .01$]	ANGULAR: $\pm 1.0^\circ$
2 PLACE DECIMAL	$\pm .10$ [$\pm .004$]	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

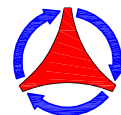
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DO NOT SCALE DRAWING



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

RFCI



TITLE

OUTLINE/SPECS

SIZE A	CAGE NO.	DWG NO. SL2964E-OS	REV. A
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SCALE: FULL

SHEET 1 OF 1