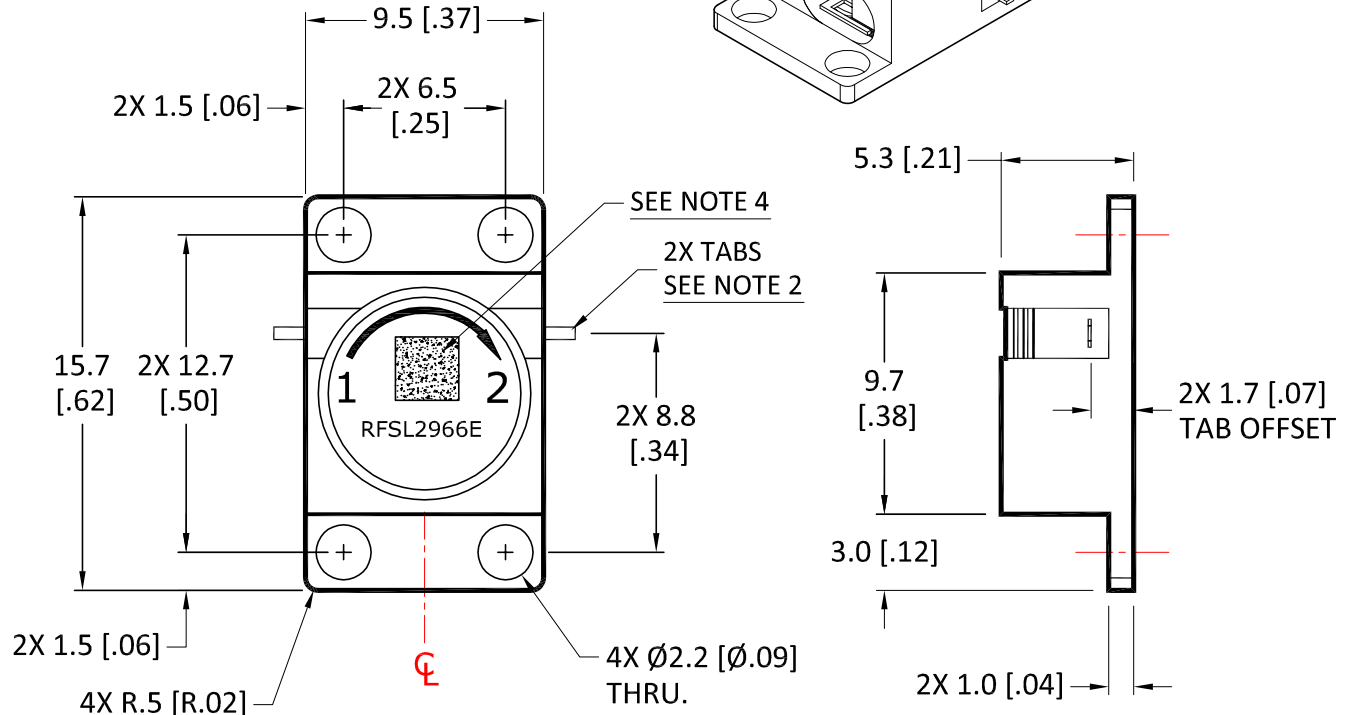
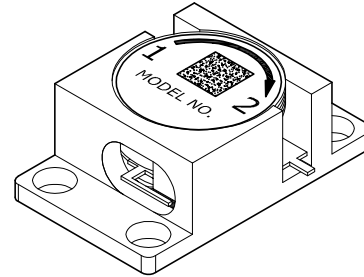


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

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)	13.2		14.6
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: RFSL2966E

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS [INCHES]:

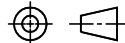
TOLERANCES ARE:
1 PLACE DECIMAL ±.2 [±.01] ANGULAR: ±1.0°
2 PLACE DECIMAL ±.10 [±.004] SURFACE ROUGHNESS 16/

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

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.
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DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION



APPROVALS

DATE

DRAWN BY:

CHECKED BY:

DESIGN BY:

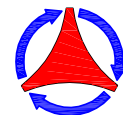
ENGINEER BY:

MFG. ENGR.

Q.A.

PROG. MGMT/MKT

RFCI



TITLE

OUTLINE/SPECS

SIZE

A

CAGE NO.

DWG NO.

SL2966E-OS

REV.

A

SCALE: FULL

SHEET 1 OF 1