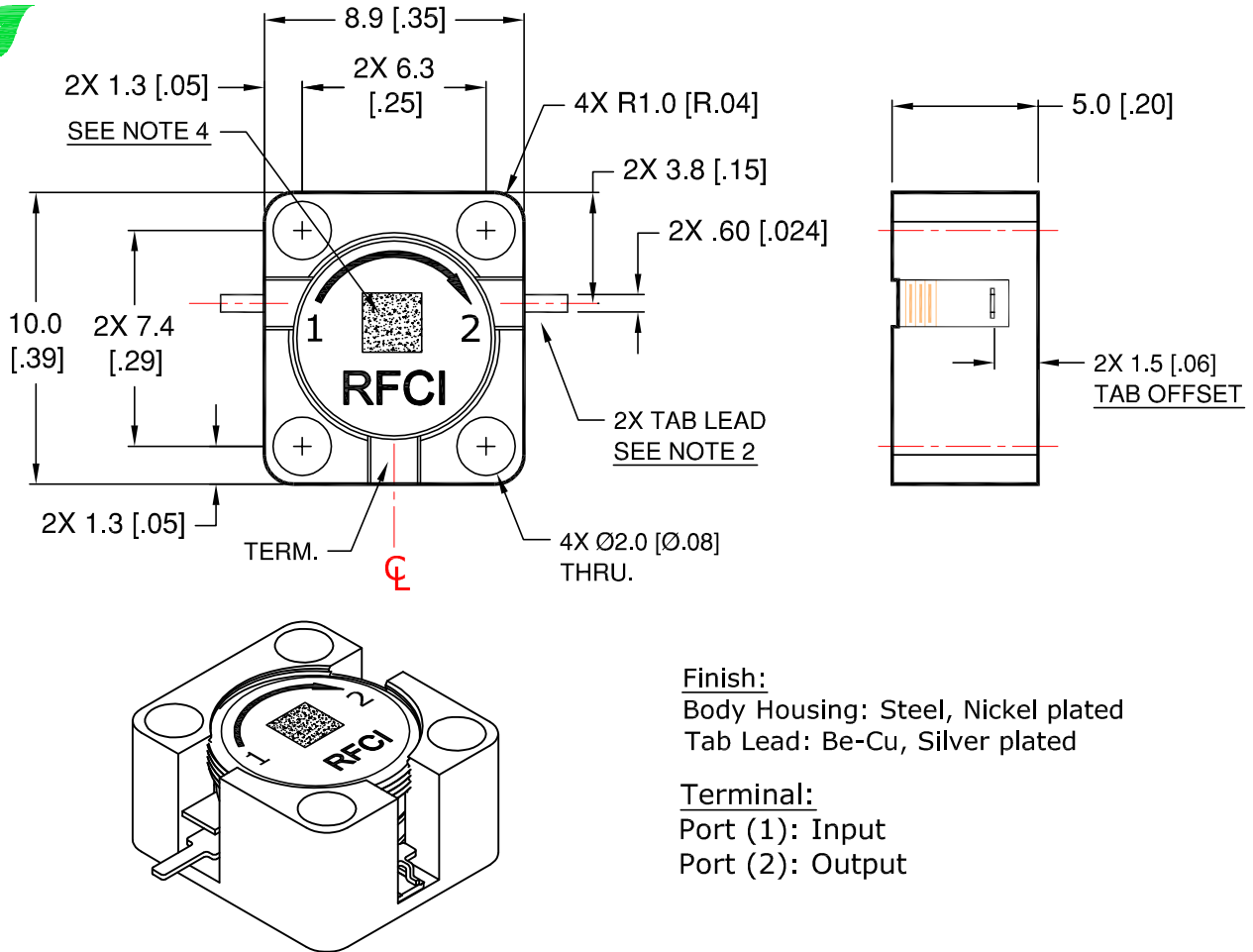


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

## REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
B	ADD ISOVIEW	20-003	03/30/20	P.T

Finish:

Body Housing: Steel, Nickel plated  
Tab Lead: Be-Cu, Silver plated

Terminal:

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

## Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (GHz)	14.0		16.5
Insertion Loss: In-Out (dB)		< 0.45	0.50
Isolation: Out-In (dB)	18	> 20	
Return Loss (dB)	18	> 20	

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.

## Power &amp; Temperature Ratings

Parameter	Maximum
Forward PWR Peak/CW	250/25 Watts
Reverse PWR Peak/CW	250/2 Watts
Termination Rating (see note 3)	5 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

## Notes:

1. Typical Values Represent Performance @ +23 °C.
2. Tab Dimensions: 0.60 [.024]W x 2.0 [.08]L x 0.13 [.005]T
3. Isolator Flange held to +85°C Maximum
4. MATRIX BAR CODE: Part Number, Serial Number and Date Code

## CW ISOLATOR MODEL: RFSL2967D

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

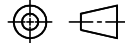
TOLERANCES ARE:  
1 PLACE DECIMAL  $\pm .2$  [ $\pm .01$ ] ANGULAR:  $\pm 1.0^\circ$   
2 PLACE DECIMAL  $\pm .10$  [ $\pm .004$ ] SURFACE ROUGHNESS  $16/\sqrt{\text{ }}$

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

CAGE NO.

DWG NO.

REV.

A

SL2967D-OS

B

SCALE: FULL

SHEET 1 OF 1