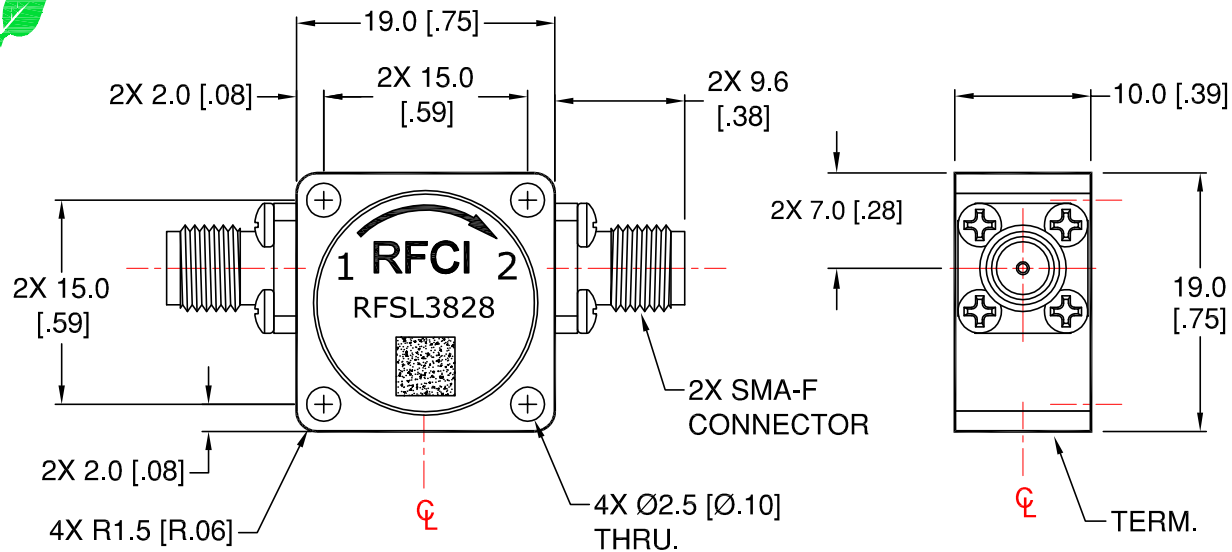


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

## REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
B	ADD ISOVIEW	18-010	11/14/18	P.T

Finish:

Body Housing: Steel, Nickel plated

Terminal:

Port (1): Input

Port (2): Output

## Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2900		3500
Insertion Loss: In-Out (dB)		< 0.40	0.50
Isolation: Out-In (dB)	20	> 23	
Return Loss (dB)	20	> 23	

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	1000/100 Watts
Reverse PWR Peak/CW	1000/20 Watts
Termination Rating (see note 2)	20 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

## Notes:

1. Typical Values Represent Mid-Band Performance @ +23 °C
2. Isolator Flange held to +85°C Max.

## CW 20W ISOLATOR MODEL RFSL3828

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

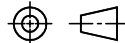
TOLERANCES ARE:			
1 PLACE DECIMAL	±.2 [±.01]	ANGULAR:	±1.0°
2 PLACE DECIMAL	±.10 [±.004]	SURFACE ROUGHNESS	16/

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:

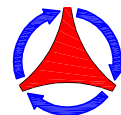
ENGINEER BY:

MFG. ENGR.

Q.A.

PROG. MGMT/MKT

RFCI



TITLE

OUTLINE/SPECS

SIZE

A

CAGE NO.

DWG NO.

SL3828-OS

REV.

B

SCALE: FULL

SHEET 1 OF 1