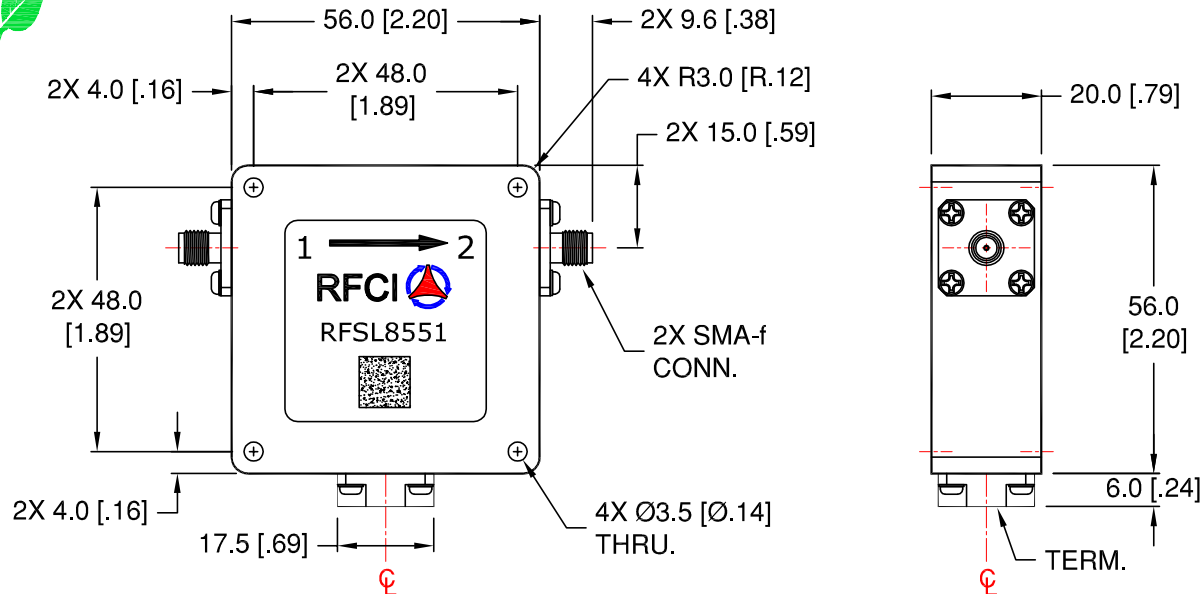


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

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

Finish:

Body Housing: Steel, Nickel plated

Terminal:

Port (1): Input

Port (2): Output

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1250		2500
Insertion Loss: In-Out (dB)		< 0.50	0.70
Isolation: Out-in (dB)	17	> 19	
Return Loss (dB)	17	> 19	

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 & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/CW	500/50 Watts
Reverse PWR Peak/CW	500/20 Watts
Termination Rating (see note 2)	20 Watts
Operating Temperature	-0 to +50° C
Storage Temperature	-40 to +95° C

Notes:

1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. Isolator Flange held to +50°C Max.

20W ISOLATOR MODEL: RFSL8551

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

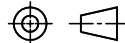
TOLERANCES ARE:		
1 PLACE DECIMAL	±.2 [±.01]	ANGULAR: ±1.0°
2 PLACE DECIMAL	±.10 [±.004]	SURFACE ROUGHNESS 16/

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:

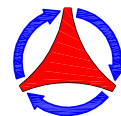
ENGINEER BY:

MFG. ENGR.

Q.A.

PROG. MGMT/MKT

RFCI



OUTLINE/SPECS

SIZE
A

CAGE NO.

DWG NO.

SL8551-OS

REV.
B

SCALE: FULL

SHEET 1 OF 1