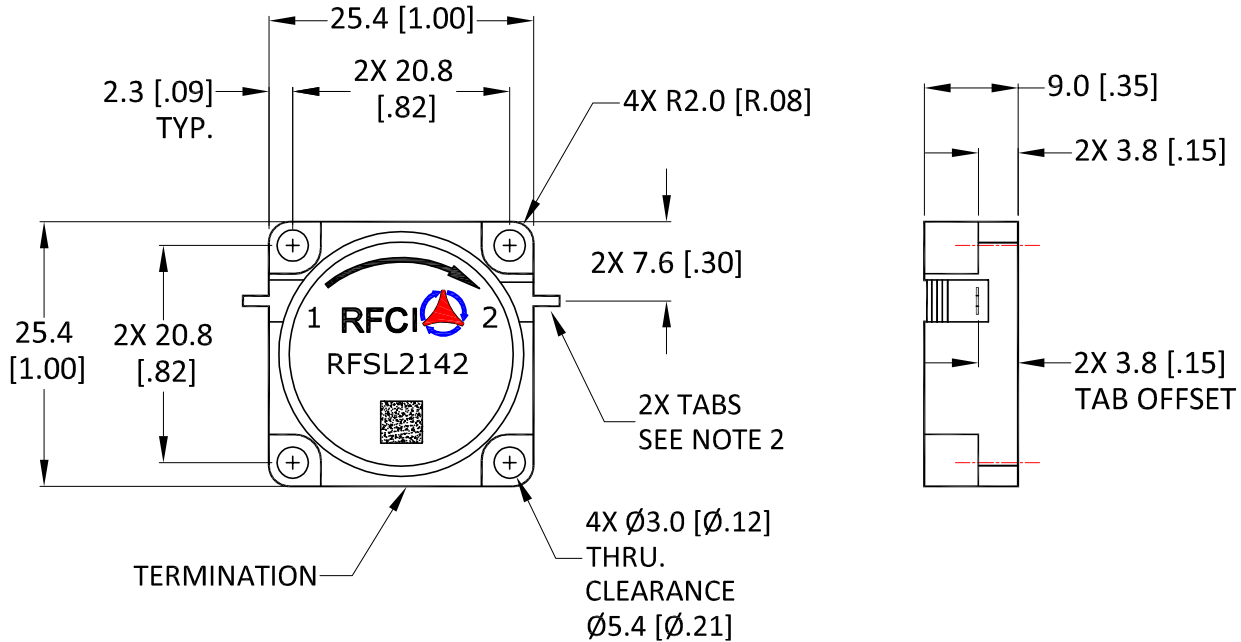


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	I.R.	11/19/14	P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	791		821
Insertion Loss (dB)		< .20	.30
Isolation (dB)	22	>25	
Return Loss (dB)	22	>25	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

Notes:

- Typical Values Represent Performance @ +23 °C.
- Tab Dimensions: 1.00 [±.01]W x 3.0[.12]L x 0.20[.008]T
- Isolator Flange held to +85°C; 30 Minute Maximum Duration

Power & Temperature Ratings

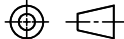
Parameter	Maximum
Forward PWR Peak/AVG	1000/200 Watts
Reverse Power CW	20 Watts
Termination Rating (See Note 3)	20 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

CW ISOLATOR MODEL: RFSL2142

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

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

THIRD ANGLE PROJECTION



APPROVALS

DATE

DRAWN BY:

CHECKED BY:

DESIGN BY:

ENGINEER BY:

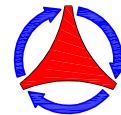
MFG. ENGR.

Q.A.

PROG. MGMT/MKT

TITLE

RFCI



OUTLINE/SPECS

SIZE
A

CAGE NO.

DWG NO.

SL2142-OS

REV.
A

DO NOT SCALE DRAWING

SCALE: FULL

SHEET 1 OF 1