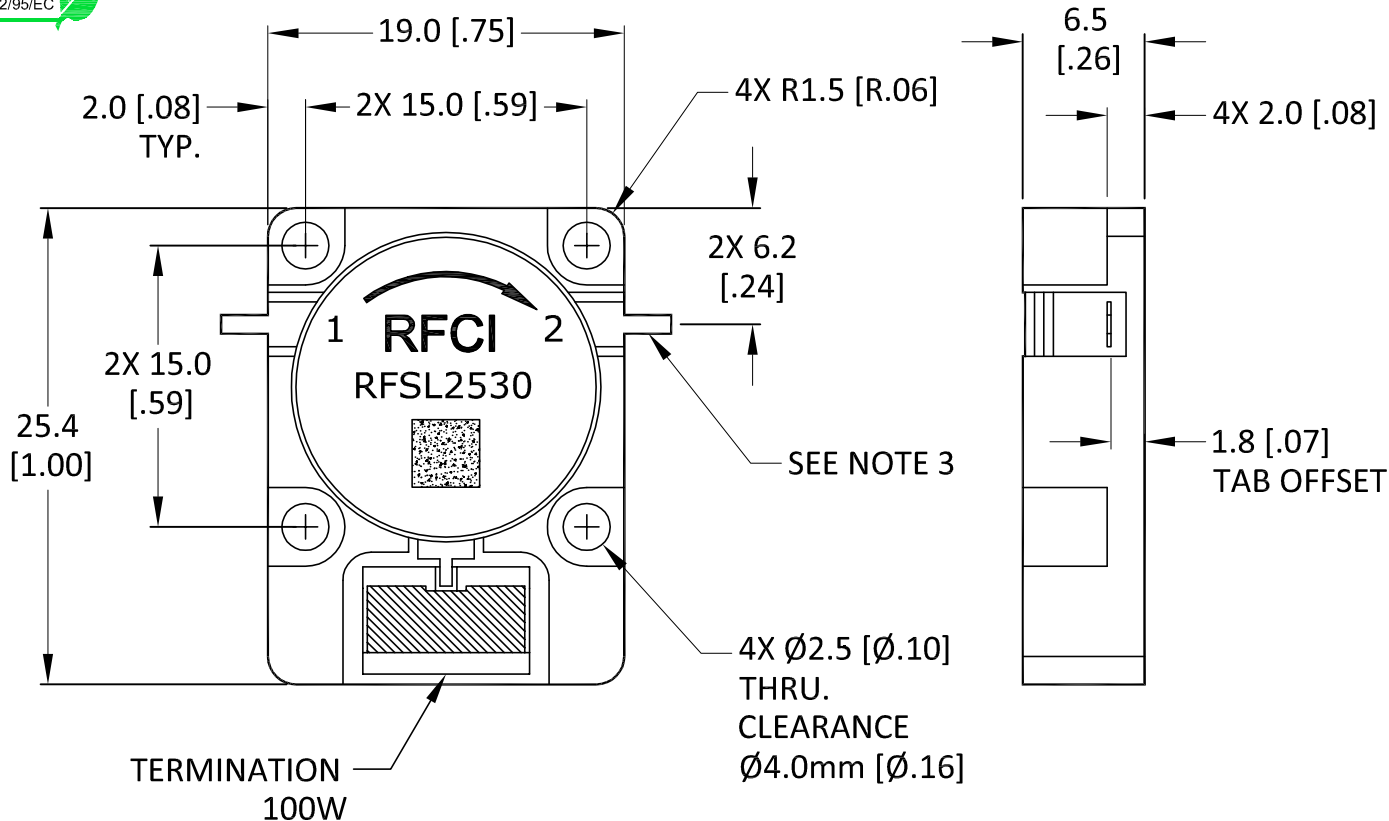


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
1	INITIAL RELEASE	I.R.	04/16/13	P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1880		1930
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	

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/100 Watts
Reverse Power CW	100 Watts
Termination Rating (See Note 2.)	100 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; 30 Min. maximum Duration.
3. Tab dims: 1.00[.039]Width x 2.5[.10]Length x .20[.008]Thick

CW 100W ISOLATOR MODEL: RFSL2530

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES):

TOLERANCES ARE:

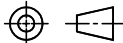
1 PLACE DECIMAL ±.2 [±.01]	ANGULAR: ±1.0°
2 PLACE DECIMAL ±.10 [±.004]	SURFACE ROUGHNESS 16/

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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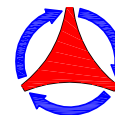
DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION



APPROVALS	DATE
DRAWN BY: HV	04/13/13
CHECKED BY: P.T	04/14/13
DESIGN BY: P.T	12/12/12
ENGINEER BY: P.T	12/12/12
MFG. ENGR. L.T	04/15/13
Q.A.	
PROG. MGMT/MKT	

RFCI



TITLE

OUTLINE/SPECS

SIZE A	CAGE NO.	DWG NO. SL2530-OS	REV. 1
SCALE: FULL		SHEET 1 OF 1	