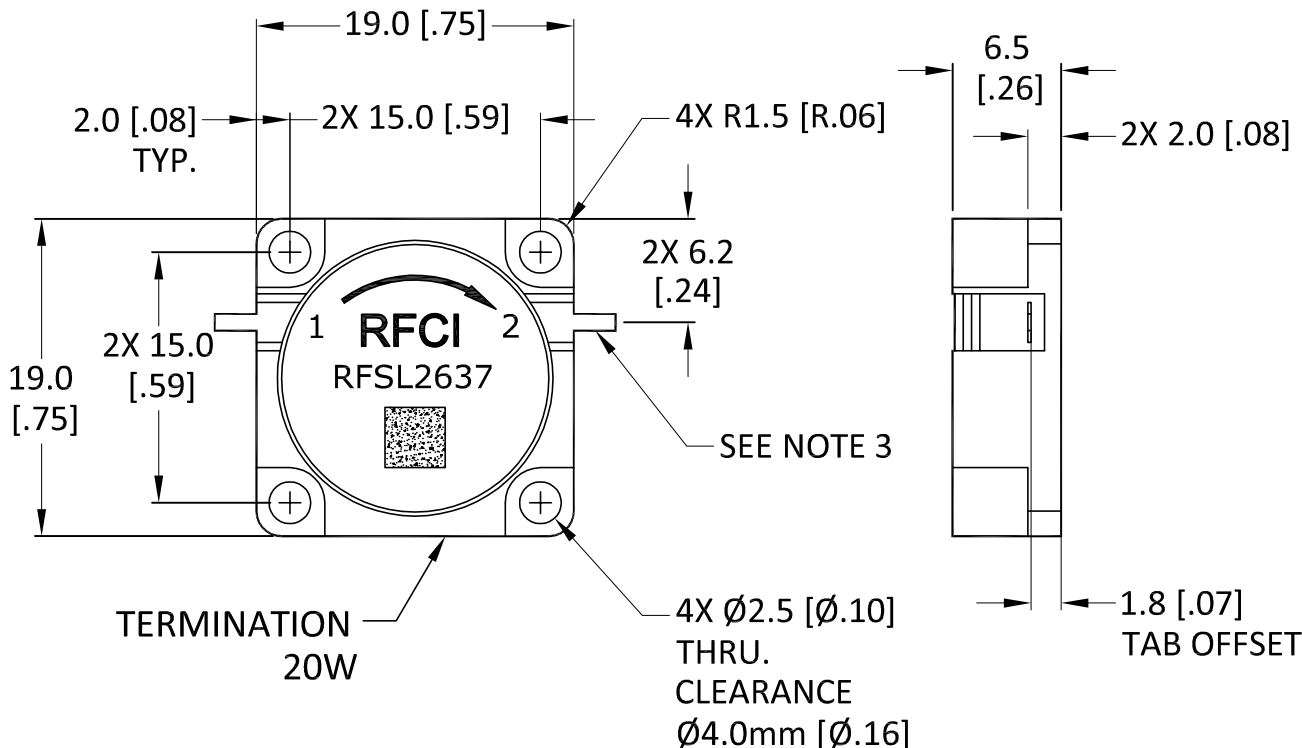


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM, CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
1	INITIAL RELEASE	I.R.	04/22/13	P.T



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1920		2125
Insertion Loss (dB)		< .25	.35
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	
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	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; 30 Min. maximum Duration.
3. Tab dims: 1.00[.039]Width x 2.5[.10]Length x .20[.008]Thick

CW 20W ISOLATOR MODEL: RFSL2637

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

TOLERANCES ARE:

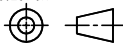
- 1 PLACE DECIMAL ±.2 [±.01]
- 2 PLACE DECIMAL ±.10 [±.004]
- ANGULAR: ±1.0°
- SURFACE ROUGHNESS 16/

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	04/19/13
CHECKED BY:	P.T	04/20/13
DESIGN BY:	P.T	12/12/12
ENGINEER BY:	P.T	01/15/13
MFG. ENGR.	L.T	04/21/13
Q.A.		
PROG. MGMT/MKT		

RFCI



TITLE

OUTLINE/SPECS

SIZE	CAGE NO.	DWG NO.	REV.
A		SL2637-OS	1

SCALE: FULL

SHEET 1 OF 1