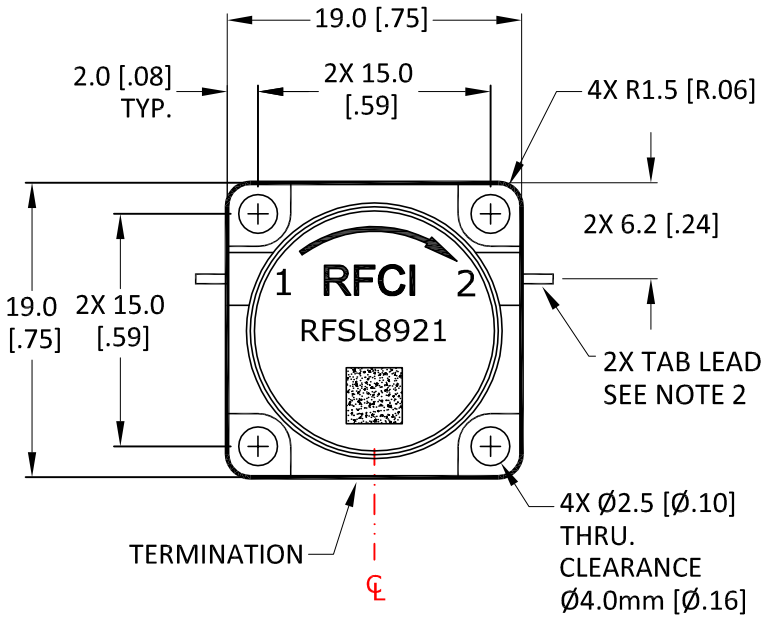
DWG. NO.	SHT	REV
SL8921-OS	1	B

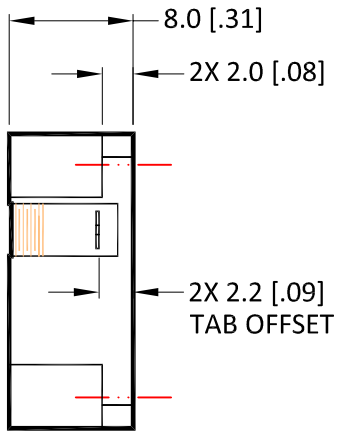
THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

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

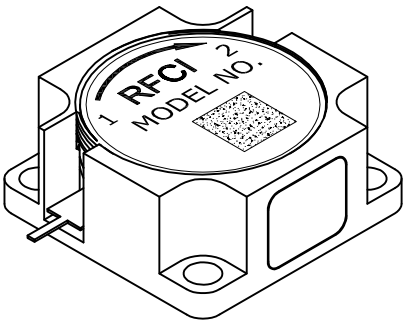
RoHS 2002/95/EC





Terminal:
Port (1): Input
Port (2): Output

Body Housing: Steel, Nickel plated
Tab Lead: Be-Cu, Silver plated



Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	6000		12000
Insertion Loss: In-Out (dB)		< 0.50	0.60
Isolation: Out-In (dB)	17	> 19	
Return Loss (dB)	17	> 19	

Notes:
1. Typical Values Represent Performance @ +23 °C.
2. Tab Dimensions: 0.60[.024]W x 2.0[.08]L x 0.20[.008]T
3. Isolator Flange held to +85°C Minute Maximum Duration.

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	250/25 Watts
Reverse Power CW	10 Watts
Termination Rating (See Note 3)	10 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

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.

CW ISOLATOR MODEL: RFSL8921

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

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	CAGE NO.	DWG NO.	REV.
A		SL8921-OS	B

SCALE: FULL | SHEET 1 OF 1