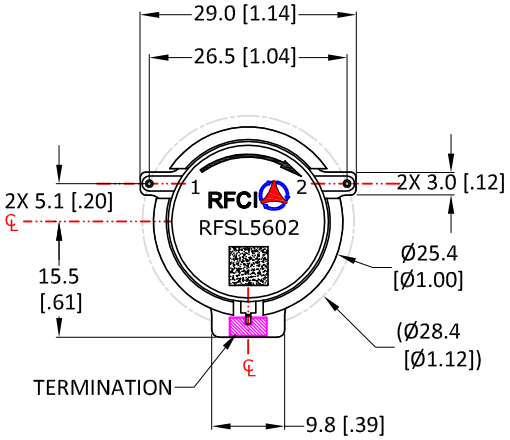
DWG. NO.	SHT	REV
SL5602-OS	1	A

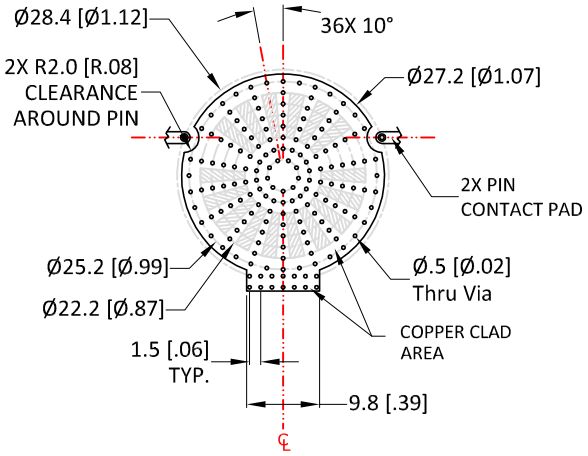
THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

REVISIONS

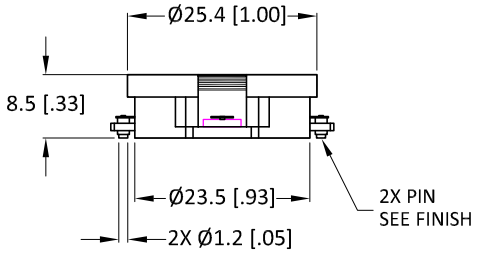
REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	IR	06/27/15	P.T

RoHS 2002/95/EC





SolderMask Pattern



Recommended Footprint
Copper-SolderMask Pattern

The Land Pattern should be with good thermal conductivity

Finish:
1. Housing: Silver plated
2. Pin: Gold plated
3. Coplanarity specification: 0.10 [.004] MAX.

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	1930		1995
Insertion Loss (dB)		< .22	.30
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	500/100 Watts
Reverse Power CW	20 Watts
Termination Rating (See Note 2)	20 Watts
Operating Temperature	-40 to +85° C
Storage Temperature	-50 to +125° C

NOTES:
1. Typical Values Represent Performance @ +23 °C.
2. Isolator Flange held to +85°C; 30 Min. maximum Duration.

CW SMD ISOLATOR MODEL: RFSL5602

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	CAGE NO.	DWG NO.	REV.
A		SL5602-OS	A

SCALE: FULL | SHEET 1 OF 1