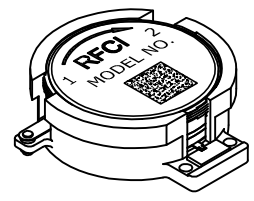
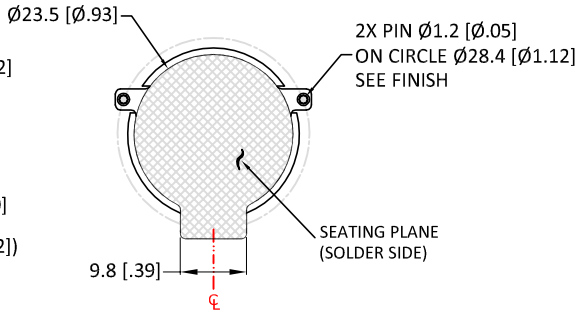
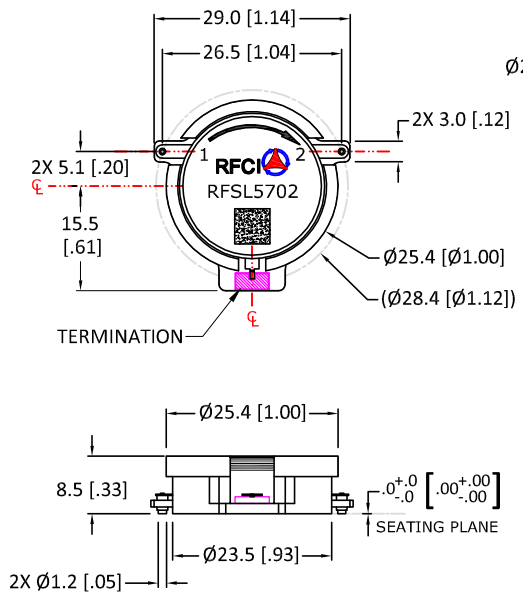


THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

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



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

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

Specifications

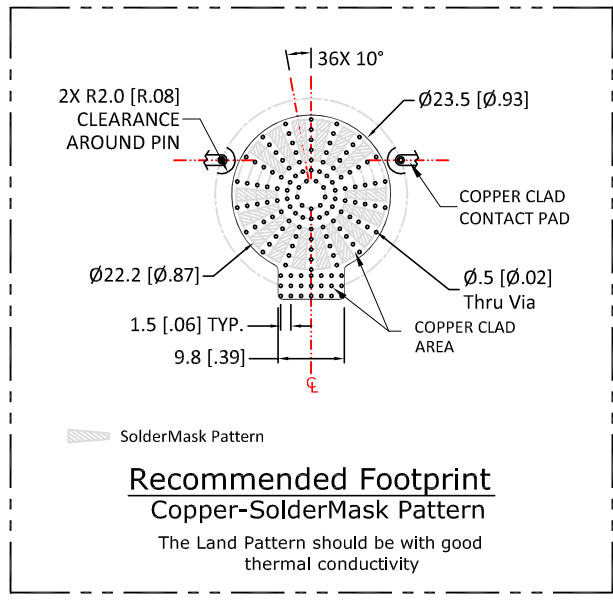
Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2090		2190
Insertion Loss: 1 to 2 (dB)		< .25	.30
Isolation: 2 to 1(dB)	20	> 23	
Return Loss: 1, 2 (dB)	20	> 23	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		75	

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

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

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.



Recommended Footprint
Copper-SolderMask Pattern
The Land Pattern should be with good thermal conductivity

CW SMD ISOLATOR MODEL: RFSL5702

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 A	CAGE NO.	DWG. NO. SL5702-OS	REV. B
SCALE: FULL		SHEET 1 OF 1	