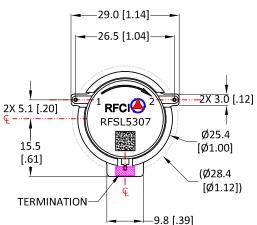
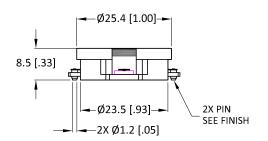
DWG. NO. REV SL5307-OS

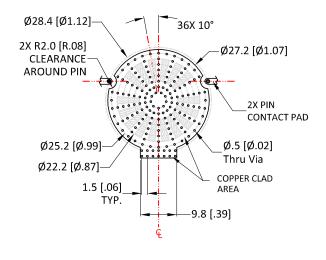
THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY.

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









### Recommended Footprint Copper-SolderMask Pattern

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)	902		928
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	

## NOTES:

- 1. Typical Values Represent Performance @ +23 °C.
- 2. 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	

CW SMD ISOLATOR MODEL: RFSL5307

