REVISIONS

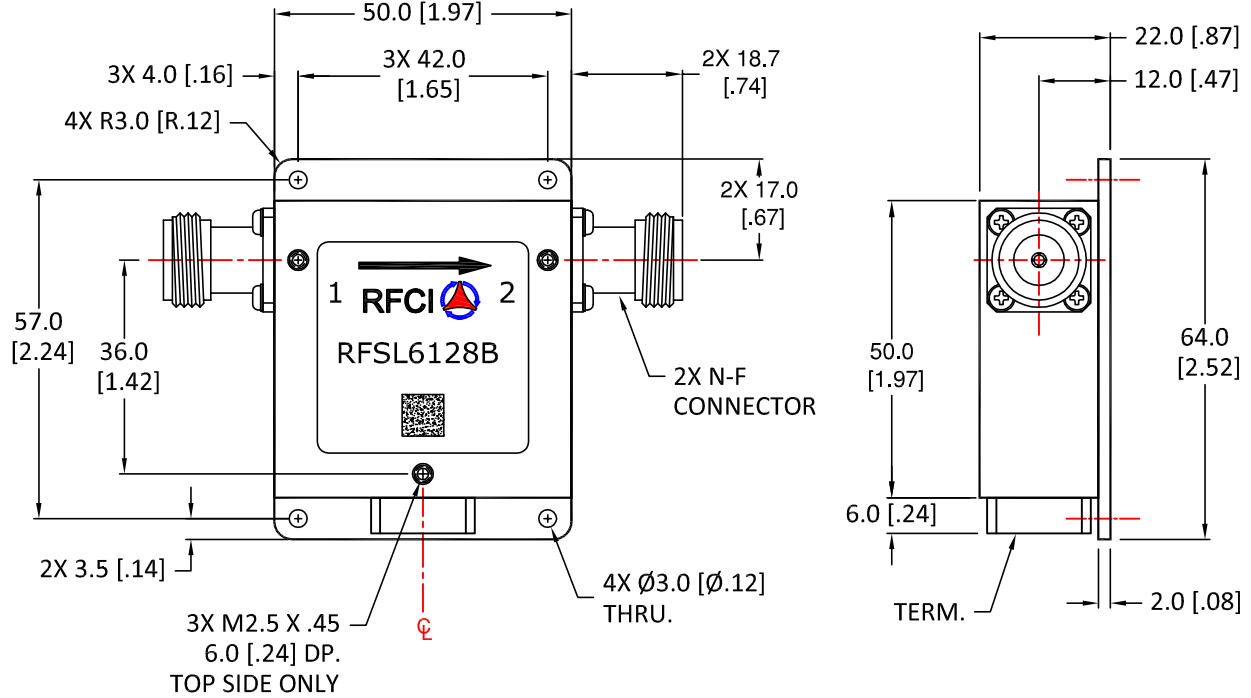| REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	I.R.	01/08/16	P.T

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

RoHS 2002/95/EC

50.0 [1.97]

3X 4.0 [.16]

3X 42.0 [1.65]

2X 18.7 [.74]

4X R3.0 [R.12]

2X 17.0 [.67]

57.0 [2.24]

36.0 [1.42]

1 RFCI 2

RFSL6128B

2X N-F CONNECTOR

2X 3.5 [.14]

3X M2.5 X .45 6.0 [.24] DP. TOP SIDE ONLY

4X Ø3.0 [Ø.12] THRU.

22.0 [.87]

12.0 [.47]

50.0 [1.97]

64.0 [2.52]

6.0 [.24]

TERM.

2.0 [.08]

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	350		410
Insertion Loss (dB)		< .40	.50
Isolation (dB)	20	> 22	
Return Loss (dB)	20	> 22	

Notes:
1. Typical Values Represent Mid-Band Performance @ +23 °C.
2. Isolator Flange held to +85°C; 30 Minute maximum Duration.

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	2.0K/250 Watts
Reverse Power CW	20 Watts
Termination Rating (See Note 2)	20 Watts
Operating Temperature	–20 to +85° C
Storage Temperature	–40 to +95° C

20W N-f ISOLATOR MODEL: RFSL6128B

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

OUTLINE/SPECS

SIZE	CAGE NO.	DWG NO.	REV.
A		SL6128B-OS	A

SCALE: FULL

SHEET 1 OF 1