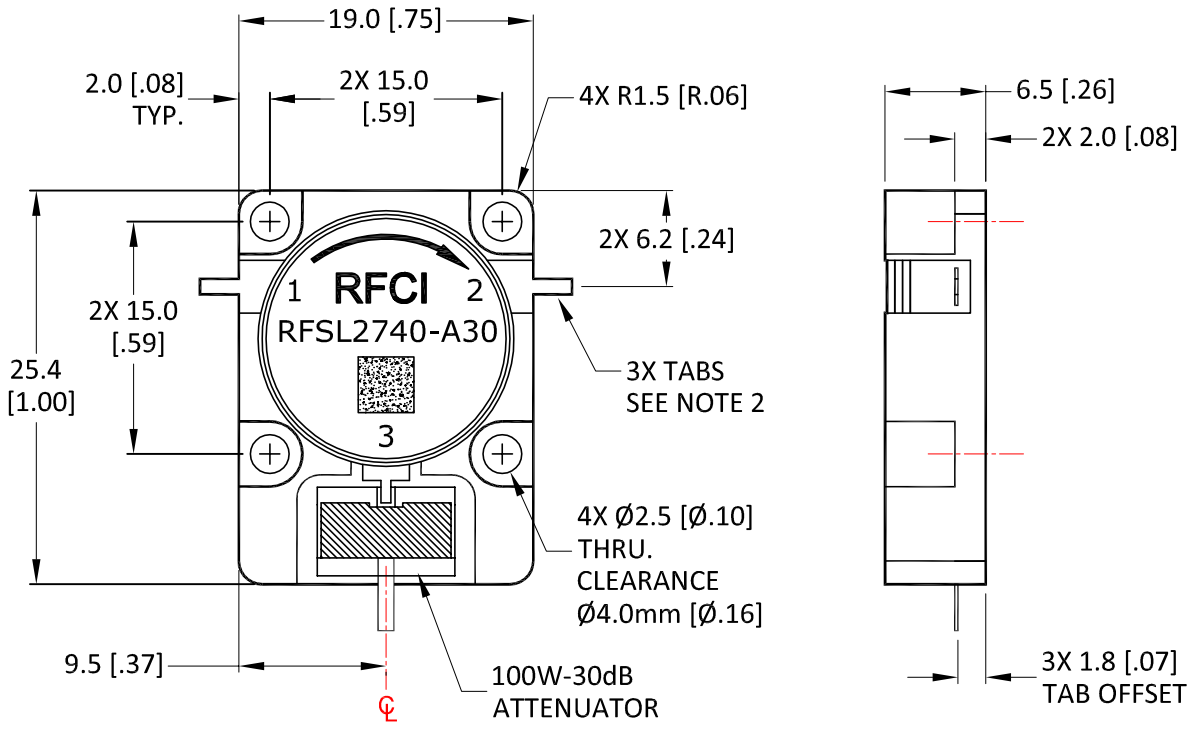THIS DRAWING HAS BEEN GENERATED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE DESIGN ACTIVITY. DO NOT REVISE MANUALLY.

RoHS
2002/95/EC

REVISIONS

REV.	DESCRIPTION	ECO	DATE	APPROVED
A	INITIAL RELEASE	I.R.	10/12/14	P.T

19.0 [.75]

2.0 [.08] TYP.

2X 15.0 [.59]

4X R1.5 [R.06]

2X 6.2 [.24]

RFCI
RFSL2740-A30
1   2
3

2X 15.0 [.59]

25.4 [1.00]

3X TABS SEE NOTE 2

4X Ø2.5 [Ø.10] THRU. CLEARANCE Ø4.0mm [Ø.16]

9.5 [.37]

100W-30dB ATTENUATOR

6.5 [.26]

2X 2.0 [.08]

3X 1.8 [.07] TAB OFFSET

Specifications

Parameter	Minimum	Typical	Maximum
Frequency Range (MHz)	2024		2286
Insertion Loss (dB)		< .25	.35
Isolation (dB)	20	> 23	
Return Loss (dB)	20	> 23	
FWD IMD: 2T at 37W per T 5MHz Spacing (dBc)		70	

Power & Temperature Ratings

Parameter	Maximum
Forward PWR Peak/AVG	1000/100 Watts
Reverse Power CW	100 Watts
Termination Rating (See Note 3)	100 Watts
Attenuation (P3)	30dB± 1dB
Operating Temperature	-40 to +85° C
Storage Temperature	-40 to +95° C

Notes:
1. Typical Values Represent Performance @ +23 °C.
2. Tab Dimensions: 1.00 [.040]W x 3.0[.12]L x 0.20[.008]T
3. Iso-Attenuator Flange held to +85°C; 30 Minute Maximum Duration

CW 100W-30dB ISO-ATTENUATOR MODEL: RFSL2740-A30

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		SL2740-A30-OS	A

SCALE: FULL

SHEET 1 OF 1