

## CX2049LANL

- Balun Transformer
- 1:8CT Impedance
- Surface Mount

### ELECTRICAL SPECIFICATIONS: @ 25°C

#### RETURN LOSS:

FREQUENCY	RETURN LOSS(S11)
1.0 MHz	-9.0 dB MIN
1.2 MHz	-10 dB MIN
5.0 MHz	-18 dB MIN
12 MHz	-23 dB MIN
30 MHz	-20 dB MIN

FREQUENCY	RETURN LOSS(S11)
50 MHz	-16 dB MIN
100 MHz	-11 dB MIN
135 MHz	-9.0 dB MIN
155 MHz	-8.0 dB MIN

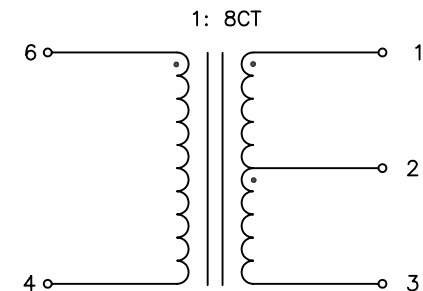
#### NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE: -40°C TO +85°C
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:  
.XX= ±.01  
.XXX= ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED  
BY ADDING A "T" SUFFIX TO THE PART NUMBER(EX: CX2049LANLT)
6. ROHS COMPLIANT

#### INSERTION LOSS:

FREQUENCY	ATTENUATION(S21)
0.25 MHz	-3.0 dB MAX
0.36 MHz	-2.0 dB MAX
1.2 MHz	-1.0 dB MAX
2.0 MHz	-0.8 dB MAX
110 MHz	-0.8 dB MAX

FREQUENCY	ATTENUATION(S21)
150 MHz	-1.0 dB MAX
300 MHz	-2.0 dB MAX
500 MHz	-3.0 dB MAX
REFERENCE	ATTENUATION
10.20 MHz	-1.6 dB MAX, -0.40 dB MIN



SCHEMATIC

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (02/14/14)

PULSE CONFIDENTIAL  
&  
PROPRIETARY

PRODUCT SPECIFICATION:

XFMR, RF, SGL, RAC, 1:8CT, 0.25-500MHZ

DWG. NO./ PART NO.

CX2049LANL

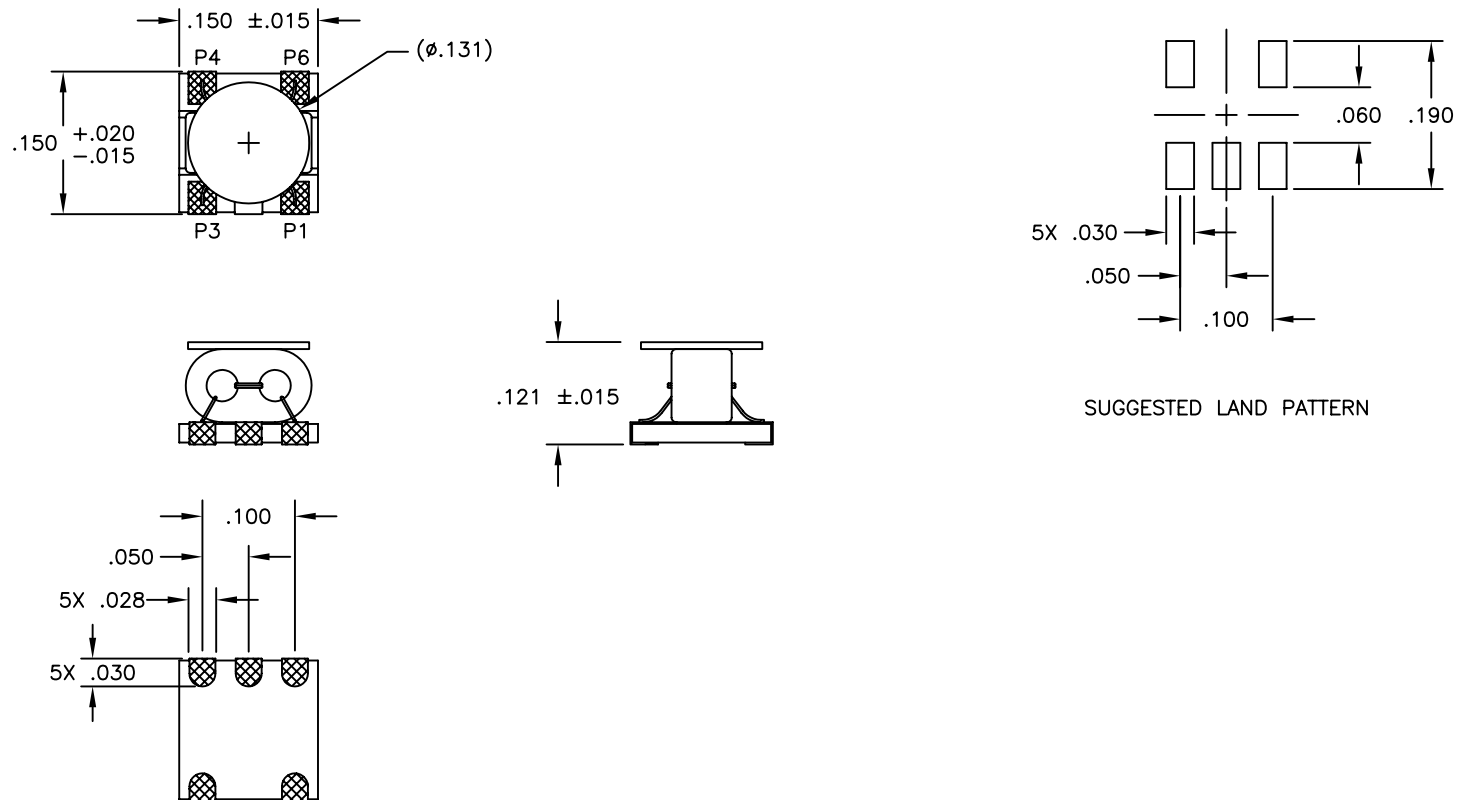
SHEET:

1

REV.

M12

MECHANICAL SPECIFICATIONS:



© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (02/14/14)

PULSE CONFIDENTIAL  
&  
PROPRIETARY

PRODUCT SPECIFICATION:  
XFMR, RF, SGL, RAC, 1:8CT, 0.25-500MHZ

DWG. NO./ PART NO.	SHEET:	REV.
CX2049LANL	2	M12

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[CX2049LANL](#)