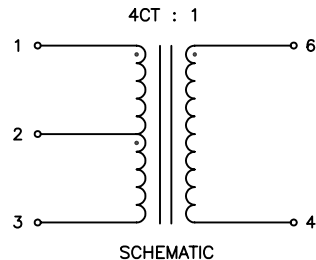


## CX2047LNL

- RF TRANSFORMER, 1:4CT
- 0.5-300 MHz
- IMPEDANCE = 50 OHMS
- SURFACE MOUNT

### NOTES: UNLESS OTHERWISE SPECIFIED:

1. OPERATING TEMPERATURE: -40°C TO +85°C
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. SURFACE MOUNT, FR4 SUBSTRATE
4. JEDEC MOISTURE SENSITIVITY LEVEL 1
5. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:  
.XX= ±.02  
.XXX= ±.010
6. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX2047LNL T
7. ROHS COMPLIANT



### ELECTRICAL SPECIFICATIONS: @ 25°C

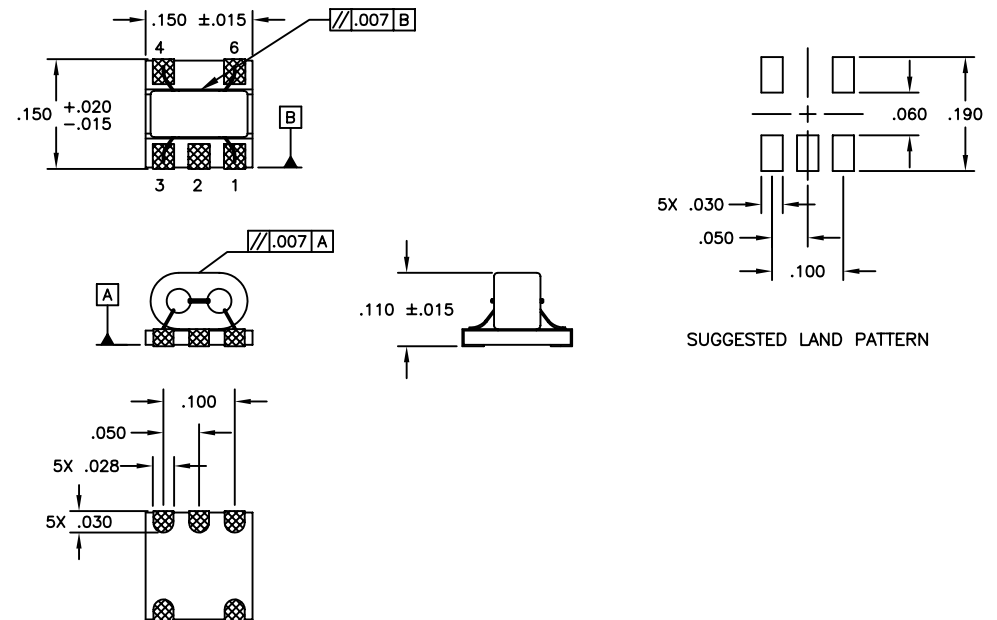
#### RETURN LOSS:

FREQUENCY	RETURN LOSS	FREQUENCY	RETURN LOSS
.5 MHz	-17 dB MIN	100 MHz	-25 dB MIN
1 MHz	-20 dB MIN	150 MHz	-21 dB MIN
10 MHz	-29 dB MIN	200 MHz	-18 dB MIN
50 MHz	-28 dB MIN	250 MHz	-16 dB MIN
70 MHz	-27 dB MIN	300 MHz	-14 dB MIN

#### INSERTION LOSS:

FREQUENCY	ATTENUATION	FREQUENCY	ATTENUATION
100 KHz	-4 dB MAX	500 MHz	-3 dB MAX
.5 MHz	-1 dB MAX		
1.5 MHz	-0.5 dB MAX	*REFERENCE	ATTENUATION
100 MHz	-0.5 dB MAX	12.28 MHz	-.85 dB MAX TO -.2 dB MIN
300 MHz	-1 dB MAX		

### MECHANICAL SPECIFICATIONS:



© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (01/07/14)

PULSE CONFIDENTIAL  
&  
PROPRIETARY

PRODUCT SPECIFICATION:  
XFMR, RF, SGL, RAC, 1:4CT, 0.5-300MHz

DWG. NO./ PART NO.	SHEET:	REV.
CX2047LNL	1	M15