

CX2047LANL

- Balun Transformer
- 1:4CT Impedance
- Surface Mount

NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE: -40°C TO $+85^{\circ}\text{C}$
2. STORAGE TEMPERATURE: -50°C TO $+125^{\circ}\text{C}$
3. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:
.XX= ± 0.01
.XXX= ± 0.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED
BY ADDING A "T" SUFFIX TO THE PART NUMBER(EX: CX2047LANLT)
6. ROHS COMPLIANT



ELECTRICAL SPECIFICATIONS: $\odot 25^{\circ}\text{C}$

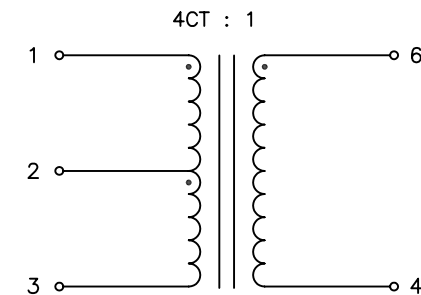
RETURN LOSS:

FREQUENCY	RETURN LOSS
.5 MHz	-17 dB MIN
1 MHz	-20 dB MIN
10 MHz	-29 dB MIN
50 MHz	-28 dB MIN
70 MHz	-27 dB MIN

FREQUENCY	RETURN LOSS
100 MHz	-25 dB MIN
150 MHz	-21 dB MIN
200 MHz	-18 dB MIN
250 MHz	-16 dB MIN
300 MHz	-14 dB MIN

INSERTION LOSS:

FREQUENCY	ATTENUATION
100 KHz	-4 dB MAX
.5 MHz	-1 dB MAX
1.5-100 MHz	-0.5 dB MAX
300 MHz	-1 dB MAX



SCHEMATIC

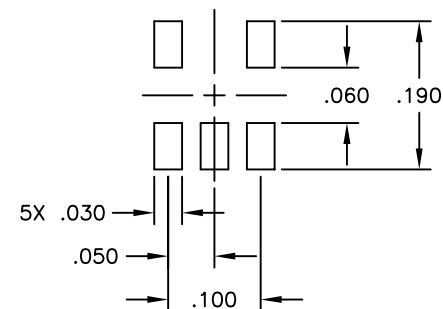
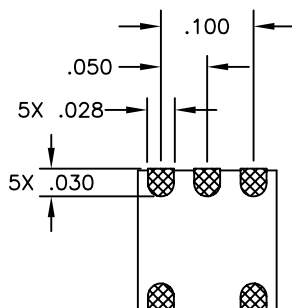
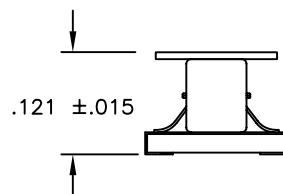
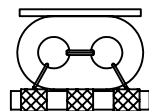
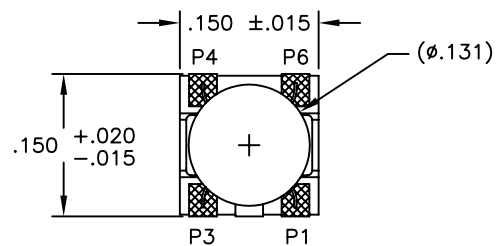
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PROPRIETARY

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

DWG. NO./ PART NO.	SHEET:	REV.
CX2047LANL	1	M12

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

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PRODUCT SPECIFICATION:

XFMR, RF, SGL, RAC, 1:4CT, 0.5–300MHz

DWG. NO./ PART NO.
CX2047LANL

SHEET:
2

REV.
M12

Mouser Electronics

Authorized Distributor

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[CX2047LANL](#)