

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

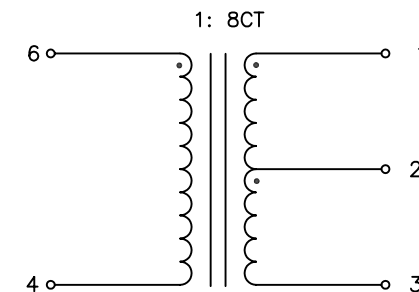
NOTES: UNLESS OTHERWISE SPECIFIED

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

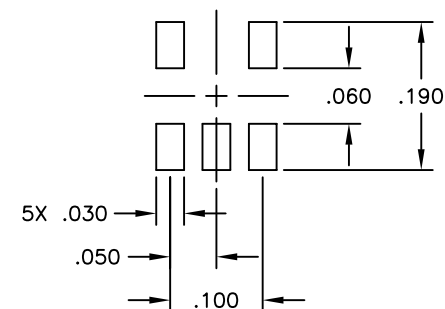
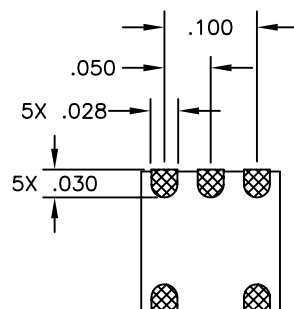
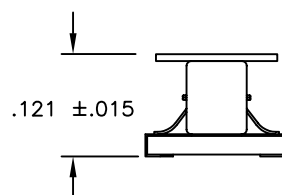
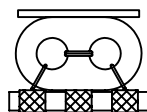
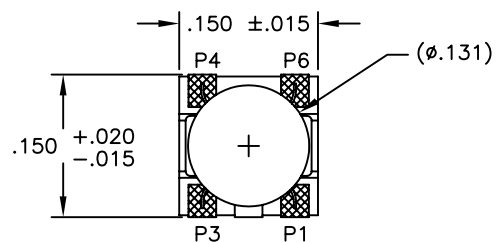
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&
PROPRIETARY

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

DWG. NO./ PART NO.	SHEET:	REV.
CX2049LANL	1	M12

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

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PRODUCT SPECIFICATION:

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

DWG. NO./ PART NO.
CX2049LANL

SHEET:
2

REV.
M12