

## CX2044LNL

- RF TRANSFORMER
- 1.5:1, 5–500MHz
- IMPEDANCE = 50 OHMS
- SURFACE MOUNT

### ELECTRICAL SPECIFICATIONS: @ 25°C

#### RETURN LOSS:

FREQUENCY	RETURN LOSS
5 MHz TO 100 MHz	-15 dB MIN

#### INSERTION LOSS:(MID-BAND)

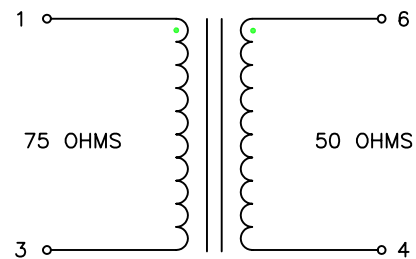
FREQUENCY	ATTENUATION
10 MHz	0.5 dB MAX

FREQUENCY	ATTENUATION
5 MHz - 100 MHz	0.5 dB MAX
1 MHz - 500 MHz	2.0 dB MAX

AS COMPARED WITH MID-BAND IL

#### NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE: -40°C TO +85°C
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. COMPLIANCE TO J-STD:
  - J-STD-002: SOLDERABILITY AT REFLOW PEAK TEMPERATURE OF 245°C
  - J-STD-020: MSL 1, NO MOISTURE SENSITIVE
  - J-STD-075: R6, 250°C MAXIMUM THROUGH REFLOW SOLDER
4. DIMENSIONS ARE IN INCHES.
  - TOLERANCE:
  - .XX = ±.01
  - .XXX = ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX2044LNL T



SCHEMATIC

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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 1.5:1, 5–500MHz

SHEET:

1 OF 2

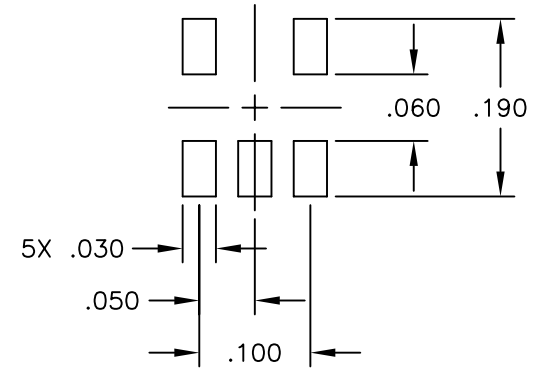
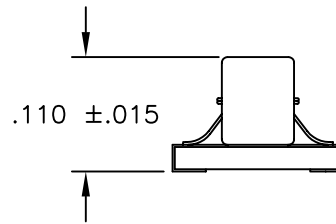
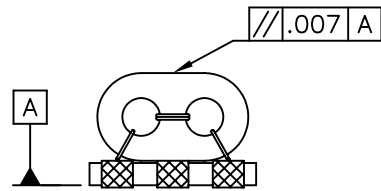
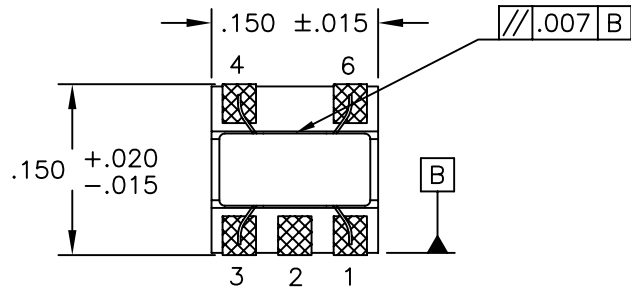
PART NO.

CX2044LNL

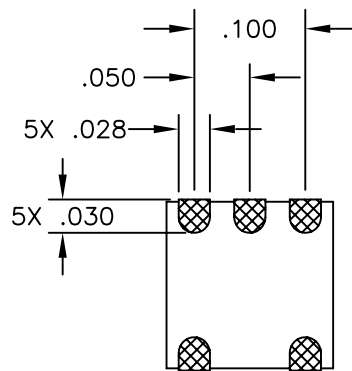
DATASHEET REV.

M13

**MECHANICAL SPECIFICATIONS:**



SUGGESTED LAND PATTERN



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XFMR, RF, SGL, RAC, 1.5:1, 5-500MHz

SHEET:

2 OF 2

PART NO.

CX2044LNL

DATASHEET REV.

M13

# Mouser Electronics

Authorized Distributor

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