



CX2044LNL

- RF TRANSFORMER
- 1.5:1, 5–500MHz
- 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. 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

ELECTRICAL SPECIFICATIONS: @ 25°C

RETURN LOSS:

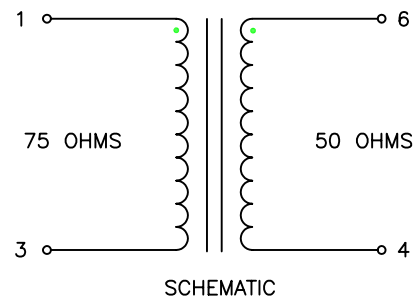
FREQUENCY	RETURN LOSS
5 MHz TO 100 MHz	–15 dB MIN

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



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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 1.5:1, 5–500MHz

SHEET:

1 OF 2

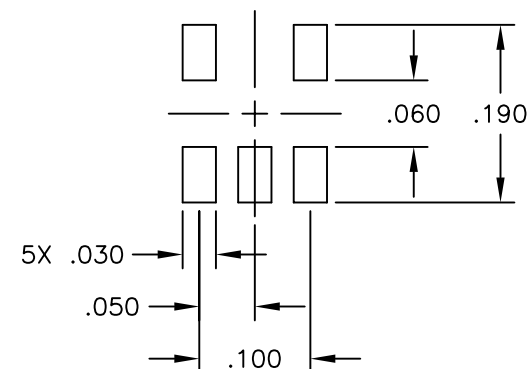
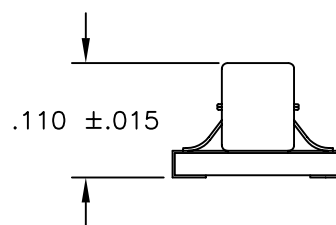
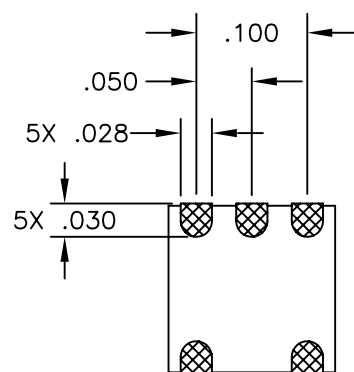
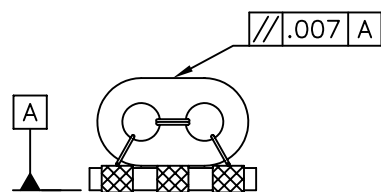
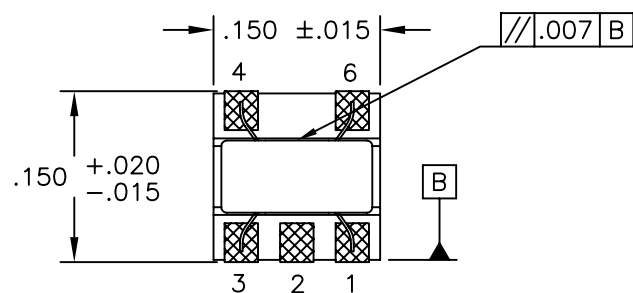
PART NO.

CX2044LNL

DATASHEET REV.

M13

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

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SHEET:

2 OF 2

PART NO.

CX2044LNL

DATASHEET REV.

M13

Mouser Electronics

Authorized Distributor

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