



CX2038LNL

- RF TRANSFORMER
- 1:1, 4.5–1500MHz
- IMPEDANCE = 75 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: CX2038LNLT

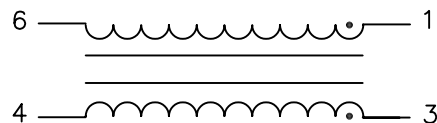
ELECTRICAL SPECIFICATIONS: @ 25°C

RETURN LOSS:

FREQUENCY	RETURN LOSS
4.5 MHz	-30 dB MIN
100 MHz	-24 dB MIN
200 MHz	-22 dB MIN
500 MHz	-20 dB MIN
1000 MHz	-18 dB MIN
1500 MHz	-14 dB MIN

INSERTION LOSS:

FREQUENCY	INSERTION LOSS
4.5 MHz	-.1 dB MAX
100 MHz	-.2 dB MAX
200 MHz	-.6 dB MAX
500 MHz	-.9 dB MAX
1000 MHz	-1 dB MAX
1500 MHz	-2 dB MAX



SCHEMATIC

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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 75:75

SHEET:

1 OF 2

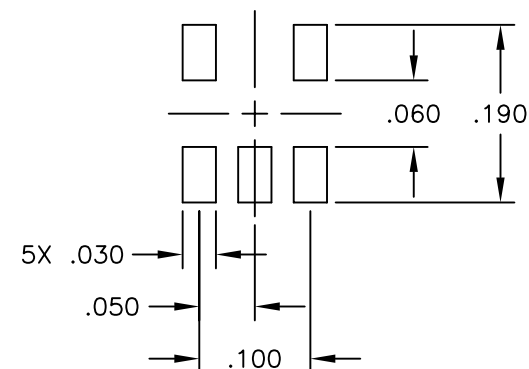
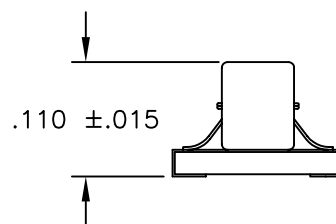
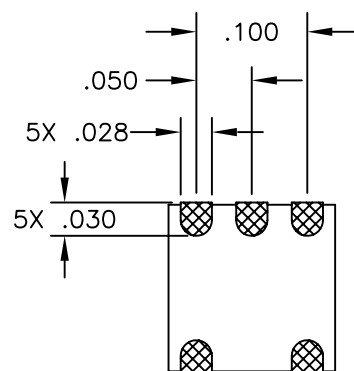
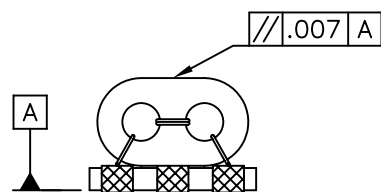
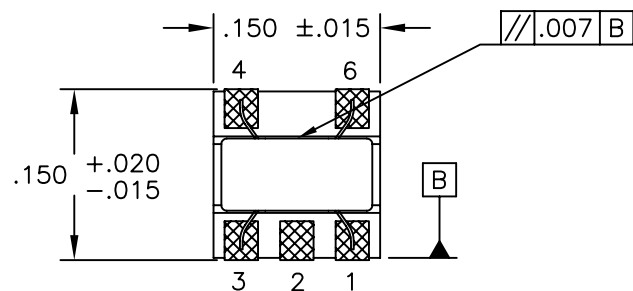
PART NO.

CX2038LNL

DATASHEET REV.

M12

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 75:75

SHEET:

2 OF 2

PART NO.

CX2038LNL

DATASHEET REV.

M12

Mouser Electronics

Authorized Distributor

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Pulse:

[CX2038LNLT](#)