

CX2038LNL

- RF TRANSFORMER
- 1:1, 4.5–1500MHz
- IMPEDANCE = 75 OHMS
- SURFACE MOUNT

ELECTRICAL SPECIFICATIONS: @ 25°C

RETURN LOSS:

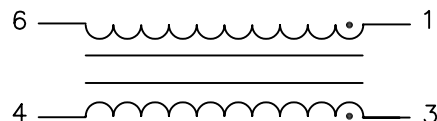
| FREQUENCY | RETURN LOSS |
|-----------|-------------|
| 4.5 MHz | -30 dB MIN |
| 100 MHz | -24 dB MIN |
| 200 MHz | -22 dB MIN |
| 500 MHz | -20 dB MIN |
| 1000 MHz | -18 dB MIN |
| 1500 MHz | -14 dB MIN |

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 |

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: CX2038LNL T



SCHEMATIC

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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 75:75

SHEET:

1 OF 2

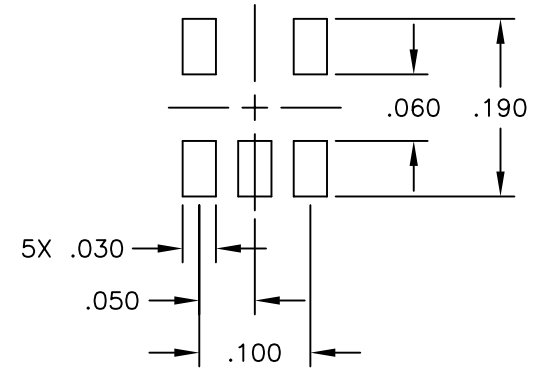
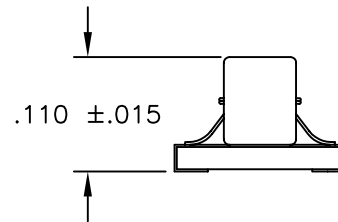
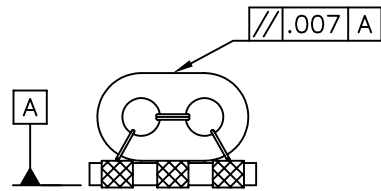
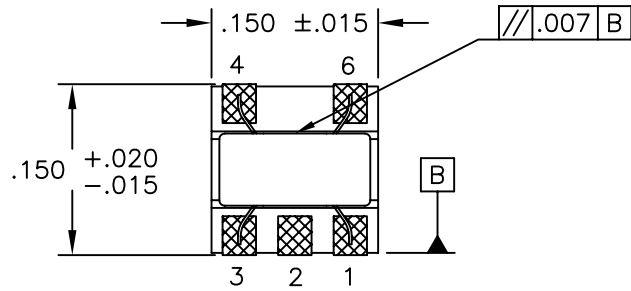
PART NO.

CX2038LNL

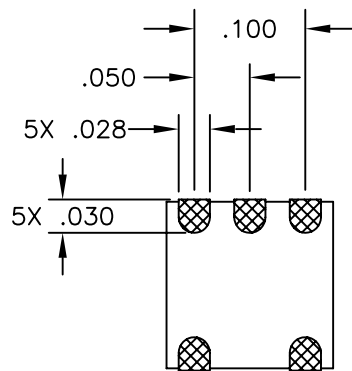
DATASHEET REV.

M12

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



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XFMR, RF, SGL, RAC, 75:75

SHEET:

2 OF 2

PART NO.

CX2038LNL

DATASHEET REV.

M12