



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



CX2038LNL

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

ELECTRICAL SPECIFICATIONS: @ 25°C

RETURN LOSS:

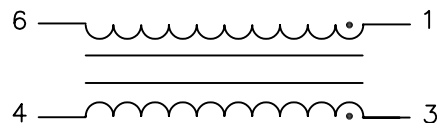
| FREQUENCY | RETURN LOSS |
|-----------|-------------|
| 4.5 MHz | -30 dB MIN |
| 100 MHz | -24 dB MIN |
| 200 MHz | -22 dB MIN |
| 500 MHz | -20 dB MIN |
| 1000 MHz | -18 dB MIN |
| 1500 MHz | -14 dB MIN |

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

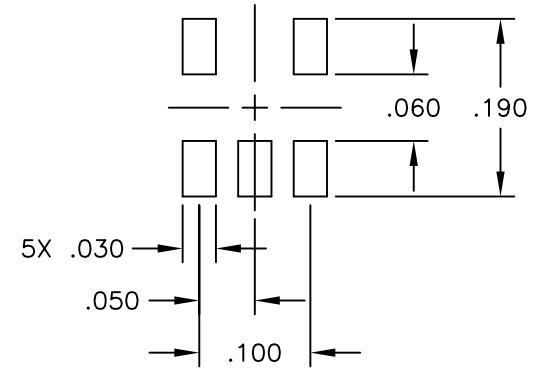
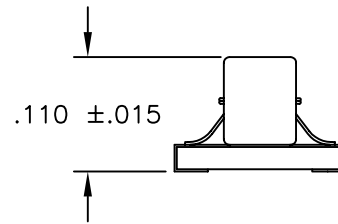
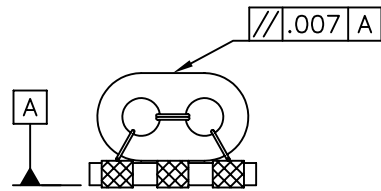
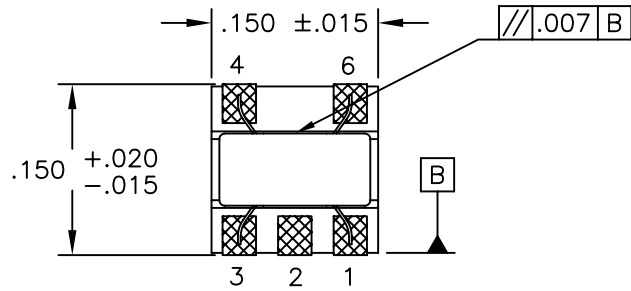
PART NO.

CX2038LNL

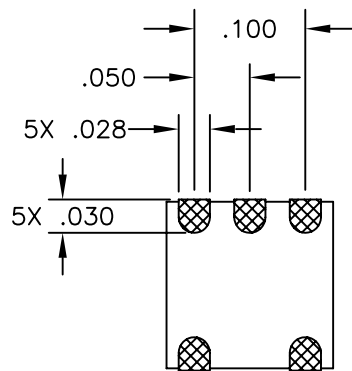
DATASHEET REV.

M12

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 75:75

SHEET:

2 OF 2

PART NO.

CX2038LNL

DATASHEET REV.

M12