

## CX2163LNL

- RF TRANSFORMER
- 1:1, 800–1900MHz
- IMPEDANCE = 75 OHMS
- SURFACE MOUNT

### ELECTRICAL SPECIFICATIONS: @ 25°C

#### INSERTION LOSS:

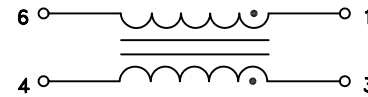
FREQUENCY	
800 – 1900 MHz	–3.0 dB MAX
900 – 1400 MHz	–1.0 dB MAX
1330 MHz	–2.1 dB MAX –0.8 dB MIN

#### RETURN LOSS:

FREQUENCY	
800 MHz	–23 dB MIN
1200 MHz	–22 dB MIN
1600 MHz	–17 dB MIN
1900 MHz	–13 dB MIN

#### 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: CX2163LNLT



SCHEMATIC

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PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 1:1, 800–1900MHz

SHEET:

1 OF 2

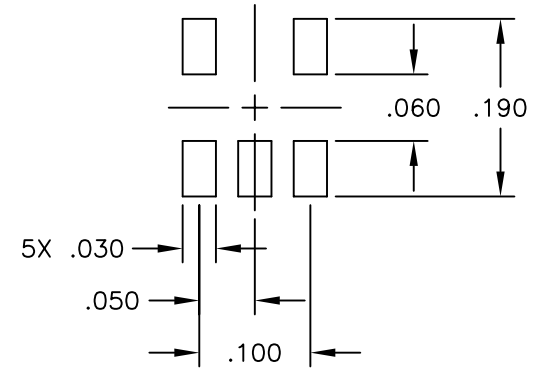
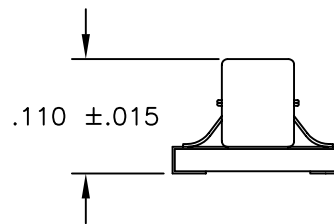
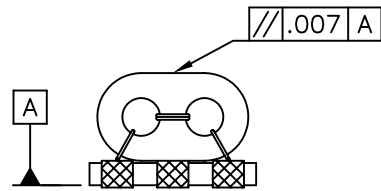
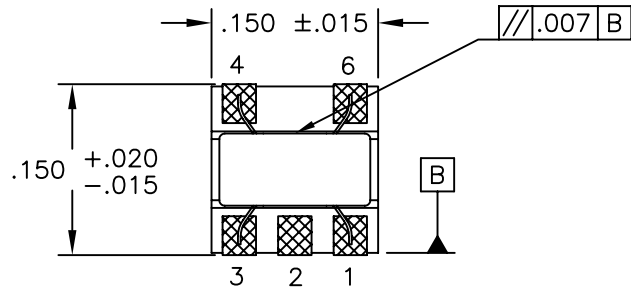
PART NO.

CX2163LNL

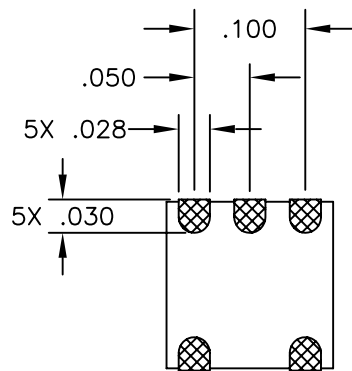
DATASHEET REV.

M15

**MECHANICAL SPECIFICATIONS:**



SUGGESTED LAND PATTERN



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XFMR, RF, SGL, RAC, 1:1, 800-1900MHz

SHEET:

2 OF 2

PART NO.

CX2163LNL

DATASHEET REV.

M15