



CX2163LNL

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

NOTES: UNLESS OTHERWISE SPECIFIED

- OPERATING TEMPERATURE: –40°C TO +85°C
- STORAGE TEMPERATURE: –50°C TO +125°C
- 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
- DIMENSIONS ARE IN INCHES.
TOLERANCE:
 - .XX = ±.01
 - .XXX = ±.005
- OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING
A "T" SUFFIX TO THE PART NUMBER. ie: CX2163LNL T

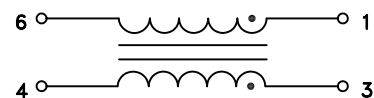
ELECTRICAL SPECIFICATIONS: @ 25°C

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



SCHEMATIC

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (04/14/2014)

PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 1:1, 800–1900MHz

SHEET:

1 OF 2

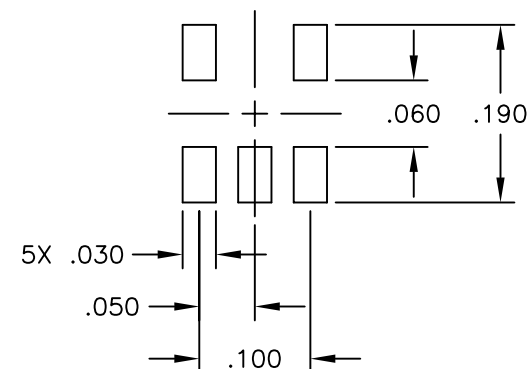
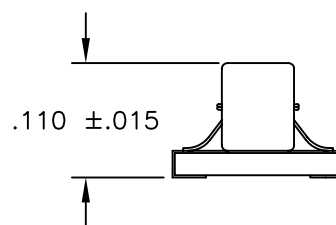
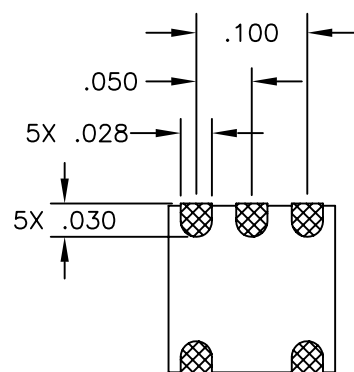
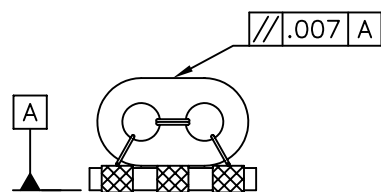
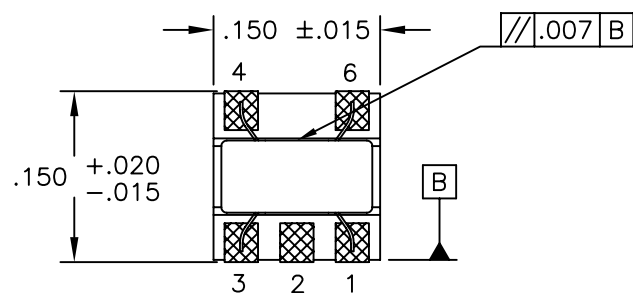
PART NO.

CX2163LNL

DATASHEET REV.

M15

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (04/14/2014)

PRODUCT DESCRIPTION:

XFMR, RF, SGL, RAC, 1:1, 800–1900MHz

SHEET:

2 OF 2

PART NO.

CX2163LNL

DATASHEET REV.

M15