

## CX2024NL

- Balun Transformer, 1:1
- IMPEDANCE = 75 OHMS
- 50–1000MHz
- Surface Mount

NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE:  $-40^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$
2. STORAGE TEMPERATURE:  $-50^{\circ}\text{C}$  TO  $+125^{\circ}\text{C}$
3. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:  
.XX=  $\pm 0.01$   
.XXX=  $\pm 0.005$
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED  
BY ADDING A "T" SUFFIX TO THE PART NUMBER(EX: CX2024NLT)
6. ROHS COMPLIANT



## ELECTRICAL SPECIFICATIONS: $\odot 25^{\circ}\text{C}$

### INSERTION LOSS:

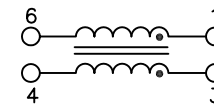
FREQUENCY	ATTENUATION
10 MHz	-1.0 dB MAX
50 MHz	-0.5 dB MAX
150 MHz	-0.5 dB MAX
300 MHz	-0.5 dB MAX
450 MHz	-0.5 dB MAX

FREQUENCY	ATTENUATION
600 MHz	-0.5 dB MAX
750 MHz	-0.5 dB MAX
1000 MHz	-0.6 dB MAX

### RETURN LOSS:

FREQUENCY	ATTENUATION
10 MHz	-20.0 dB MIN
50 MHz	-20.0 dB MIN
150 MHz	-20.0 dB MIN
300 MHz	-20.0 dB MIN
450 MHz	-20.0 dB MIN

FREQUENCY	ATTENUATION
600 MHz	-20.0 dB MIN
750 MHz	-20.0 dB MIN
1000 MHz	-16.0 dB MIN



SCHEMATIC

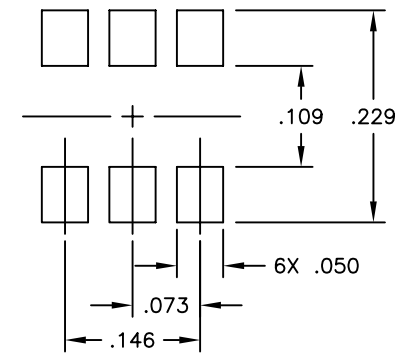
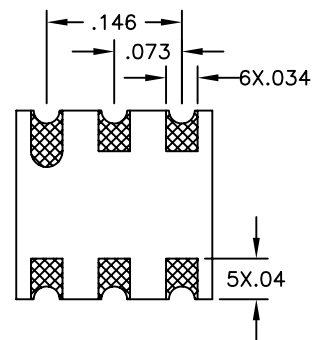
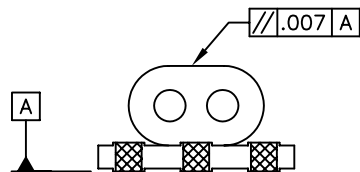
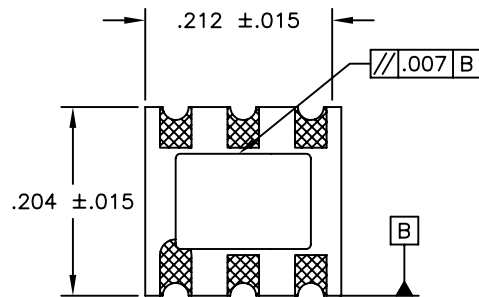
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&  
PROPRIETARY

PRODUCT SPECIFICATION:  
XFMR, RF, 1:1, 50–1000MHz

DWG. NO./ PART NO.	SHEET:	REV.
CX2024NL	1	M11

**MECHANICAL SPECIFICATIONS:**



SUGGESTED LAND PATTERN

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PULSE CONFIDENTIAL  
&  
PROPRIETARY

PRODUCT SPECIFICATION:

XFMR, RF, 1:1, 50-1000MHz

DWG. NO./ PART NO.

CX2024NL

SHEET:

2

REV.

M11

# Mouser Electronics

Authorized Distributor

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