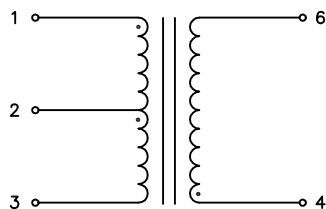


## CX2074NL

- RF TRANSFORMER, 1:4CT
- 1–500 MHz
- 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 MILLIMETERS [INCHES].  
TOLERANCE:  
.X =  $\pm 0.3$  [ $\pm 0.012$ ]  
.XX =  $\pm 0.15$  [ $\pm 0.006$ ]
- OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX2074NLT



SCHEMATIC

### ELECTRICAL SPECIFICATIONS: @ 25°C

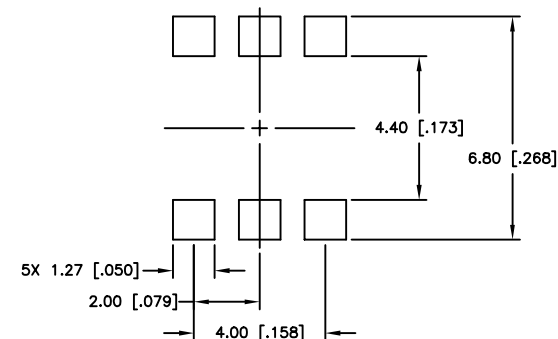
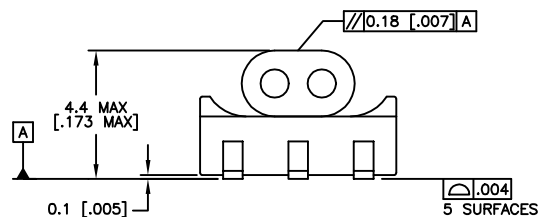
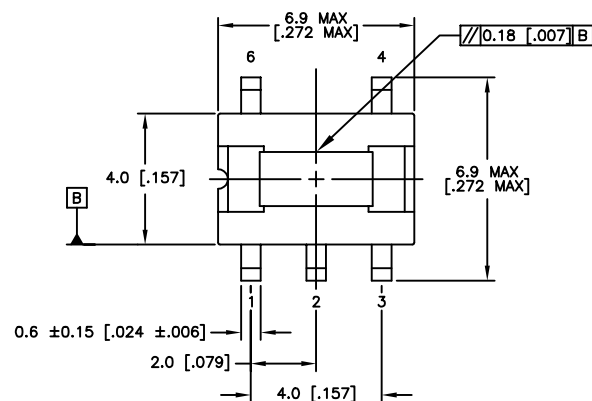
#### INSERTION LOSS:

FREQUENCY	ATTENUATION
1 MHz	4 dB MAX
3 MHz	1 dB MAX
50 MHz	0.5 dB MAX
100 MHz	0.5 dB MAX
200 MHz	1 dB MAX

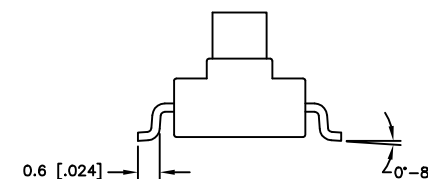
FREQUENCY	ATTENUATION
300 MHz	3 dB MAX
500 MHz	3 dB MAX
*REFERENCE	ATTENUATION
24.49 MHz	1.0 dB MAX 0.2 dB MIN

\*MID–BAND FREQUENCY = 24.49 MHz.

#### MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (06/13/2014)

PRODUCT DESCRIPTION:

XFMR, RF, SGL, CARBON, 1:4CT

SHEET:

1 OF 1

PART NO.

CX2074NL

DATASHEET REV.

A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[CX2074NL](#)