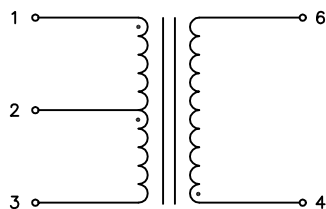


CX2074NL

- RF TRANSFORMER, 1:4CT
- 1–500 MHz
- IMPEDANCE = 75 OHMS
- SURFACE MOUNT

NOTES: UNLESS OTHERWISE SPECIFIED

- OPERATING TEMPERATURE: -40°C TO $+85^{\circ}\text{C}$
- STORAGE TEMPERATURE: -50°C TO $+125^{\circ}\text{C}$
- 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 = ± 0.3 [± 0.012]
.XX = ± 0.15 [± 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

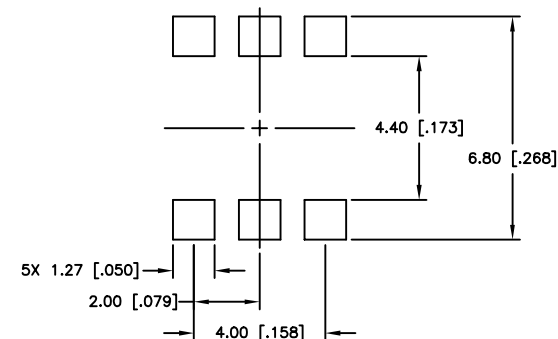
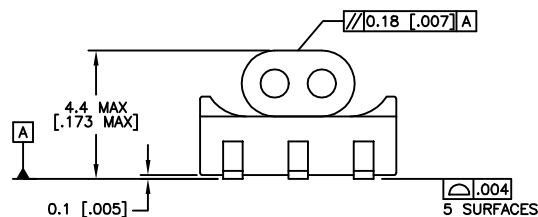
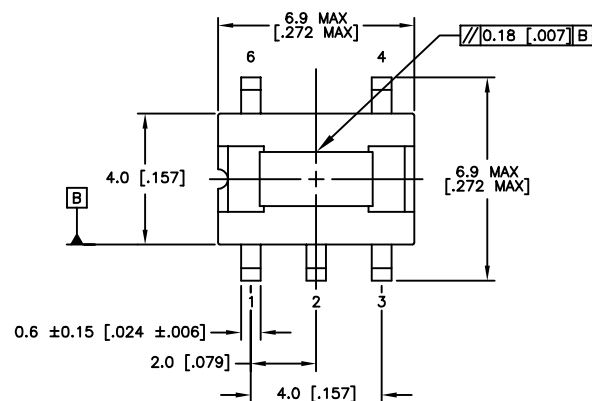
INSERTION LOSS:

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

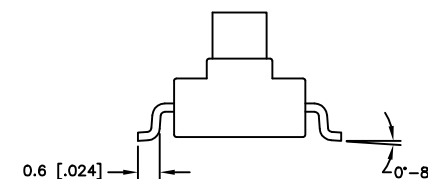
FREQUENCY	ATTENUATION
300 MHz	3 dB MAX
500 MHz	3 dB MAX
*REFERENCE	ATTENUATION
24.49 MHz	1.0 dB MAX 0.2 dB MIN

*MID-BAND FREQUENCY = 24.49 MHz.

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



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PRODUCT DESCRIPTION:

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

SHEET:

1 OF 1

PART NO.

CX2074NL

DATASHEET REV.

A