



CX2078NL

- RF TRANSFORMER
- 1:1, 5–500MHz
- IMPEDANCE=50 OHM
- SURFACE MOUNT

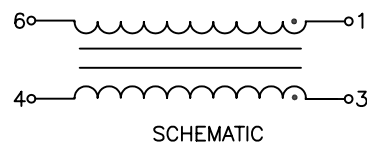
NOTES: UNLESS OTHERWISE SPECIFIED

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 MM [INCHES].
 - TOLERANCE:
 - .X = ± 0.25 [± 0.010]
 - .XX = ± 0.13 [± 0.005]
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX2078NLT

ELECTRICAL SPECIFICATIONS: @ 25°C

INSERTION LOSS:

FREQUENCY	ATTENUATION
5 MHz	–2.0 dB MAXIMUM
10 MHz	–2.0 dB MAXIMUM
50 MHz	–2.0 dB MAXIMUM
100 MHz	–2.0 dB MAXIMUM
200 MHz	–2.5 dB MAXIMUM
300 MHz	–2.5 dB MAXIMUM
500 MHz	–2.5 dB MAXIMUM
*REFERENCE	ATTENUATION
70.71 MHz	–2.0 dB MAX



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PRODUCT DESCRIPTION:

XFMR, RF, SGL, KAYAK, 1:1, XMSN

SHEET:

1 OF 2

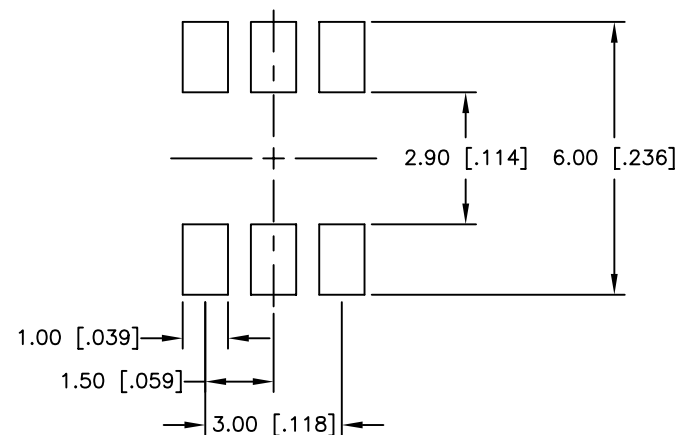
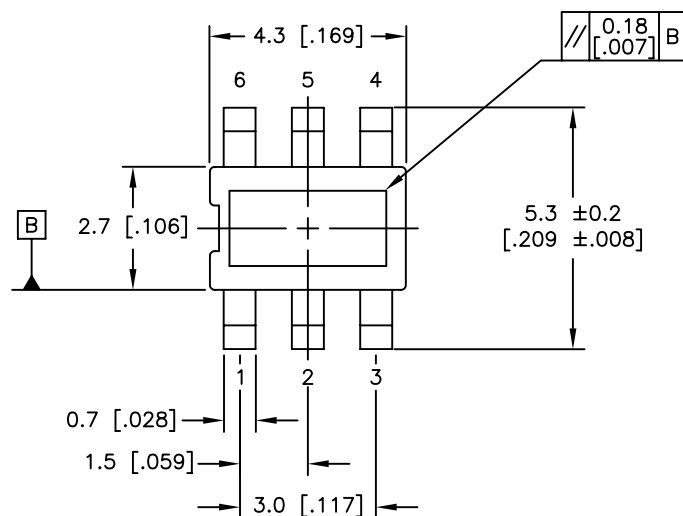
PART NO.

CX2078NL

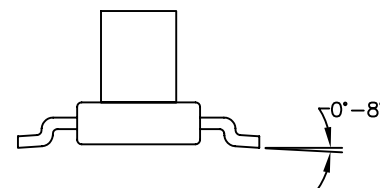
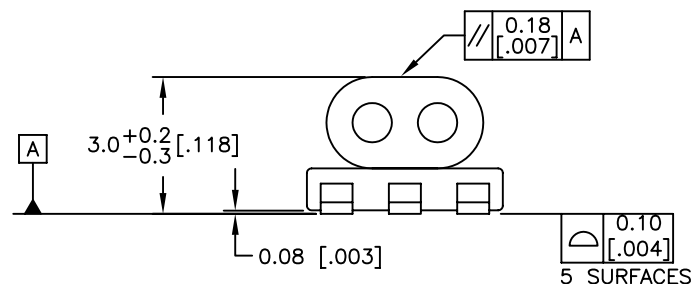
DATASHEET REV.

M12

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



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XFMR, RF, SGL, KAYAK, 1:1, XMSN

SHEET:

2 OF 2

PART NO.

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DATASHEET REV.

M12