



## CX3099NL

- COUPLER, 16dB
- 10–1000MHz
- IMPEDANCE = 50 OHMS
- SURFACE MOUNT

### ELECTRICAL SPECIFICATIONS: @ 25°C

INSERTION LOSS: (IN–OUT)

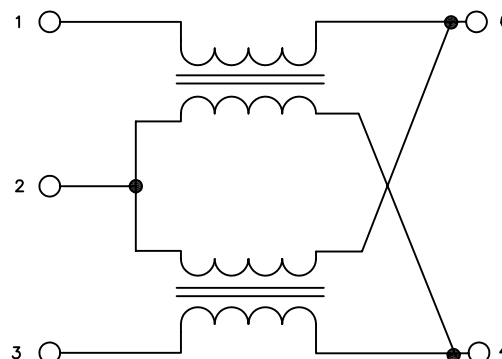
| FREQUENCY   | ATTENUATION (S21) |
|-------------|-------------------|
| 10–1000 MHz | –2.0 dB MAXIMUM   |

INSERTION LOSS: (IN–BR)

| FREQUENCY   | ATTENUATION (S21) |
|-------------|-------------------|
| 10–1000 MHz | –16 ±2.5 dB       |

### 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 MM [INCHES].  
TOLERANCE:
  - .X = ±0.25 [±.010]
  - .XX = ±0.13 [±.005]
- OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING  
A "T" SUFFIX TO THE PART NUMBER. ie: CX3099NLT



SCHEMATIC

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PRODUCT DESCRIPTION:

CPLR,DIR,10–1000M,16dB,KAYAK,SMT

SHEET:

1 OF 2

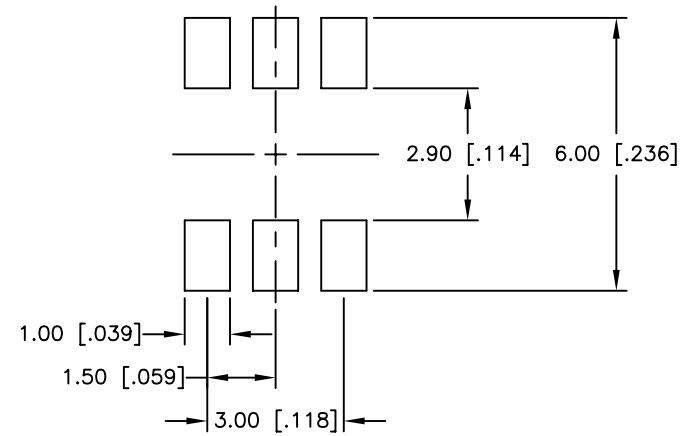
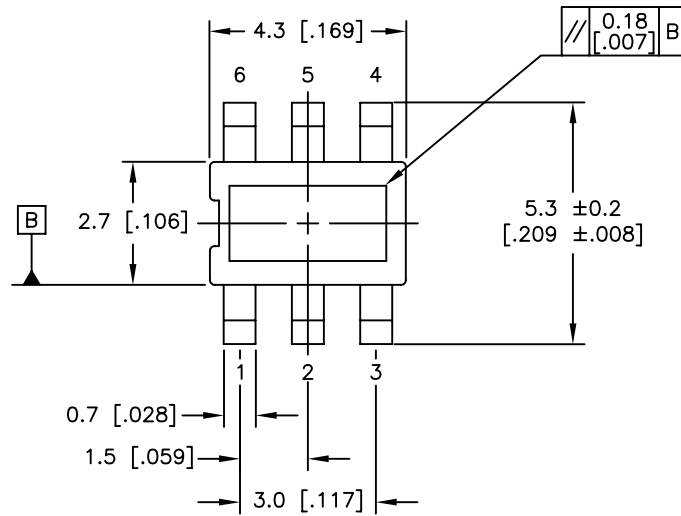
PART NO.

CX3099NL

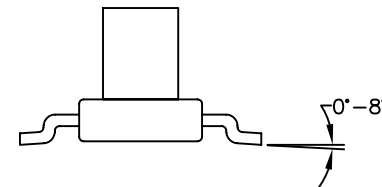
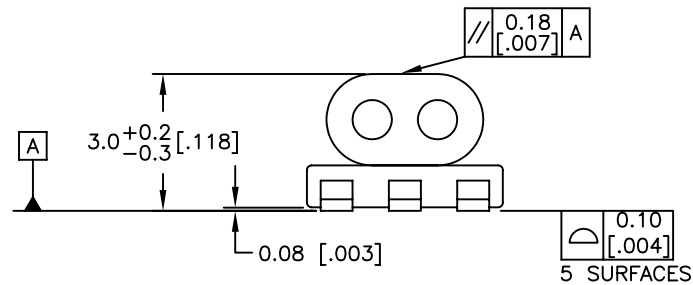
DATASHEET REV.

M10

**MECHANICAL SPECIFICATIONS:**



SUGGESTED LAND PATTERN



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PRODUCT DESCRIPTION:

CPLR,DIR,10-1000M,16dB,KAYAK,SMT

SHEET:

2 OF 2

PART NO.

CX3099NL

DATASHEET REV.

M10