



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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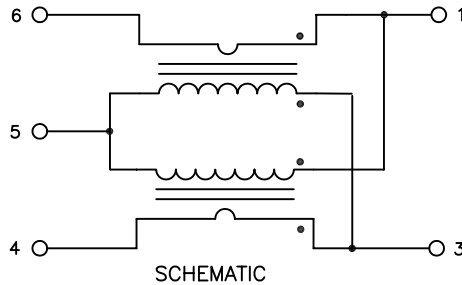


## CX3123NL

- COUPLER
- 5–1200 MHz
- IMPEDANCE = 75 OHMS
- 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 INCHES.  
TOLERANCE:
  - .XX ±.01
  - .XXX ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX3123NLT



### ELECTRICAL SPECIFICATIONS: @ 25°C

#### INSERTION LOSS:

FREQUENCY	
5–870 MHz	-1.0 dB MAX
870–1002 MHz	-1.2 dB MAX
1002–1200 MHz	-1.6 dB MAX

#### COUPLING FORWARD:

FREQUENCY	
5–1002 MHz	-17.5 dB ± 1.0
1002–1200 MHz	-17.5 dB ± 1.0

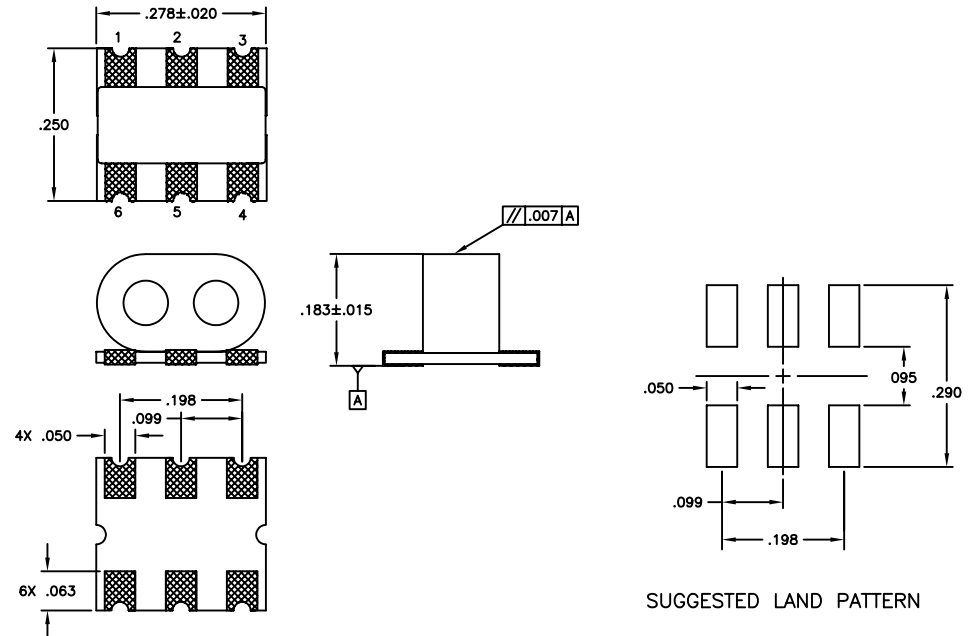
#### INPUT PORT RETURN LOSS:

FREQUENCY	
5–40 MHz	-22.0 dB MIN
40–1002 MHz	-20.0 dB MIN
1002–1200 MHz	-16.0 dB MIN

#### COUPLED PORT RETURN LOSS:

FREQUENCY	
5–40 MHz	-22.0 dB MIN
40–1002 MHz	-20.0 dB MIN
1002–1200 MHz	-18.0 dB MIN

### MECHANICAL SPECIFICATIONS:



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PRODUCT DESCRIPTION:

CPLR, IND, 17.5DB, 5–1200MHz, SM

SHEET:

1 OF 1

PART NO.

CX3123NL

DATASHEET REV.

B