

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Pulse Electronics Corporation](#)
[CX4012LNLT](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



CX4012LNLT

- RF SPLITTER, 2-WAY
- 5-1000 MHz
- 0-DEG
- 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 INCHES.
 - TOLERANCE:
 - .XX= ±.01
 - .XXX= ±.005
- OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX4012LNLT

ELECTRICAL SPECIFICATIONS: @ 25°C

INSERTION LOSS:

FREQUENCY	ATTENUATION
5-40 MHz	3.8 dB MAX
41-600 MHz	3.6 dB MAX
601-870 MHz	3.85 dB MAX
871-1000 MHz	4.2 dB MAX

ISOLATION:

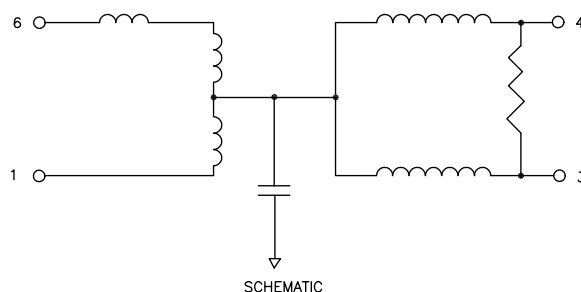
FREQUENCY	ATTENUATION
5-40 MHz	16.5 dB MAX
41-600 MHz	22.0 dB MAX
601-1000 MHz	22.0 dB MAX

RETURN LOSS:

FREQUENCY	ATTENUATION
5-40 MHz	13.0 dB MIN
41-600 MHz	19.0 dB MIN
601-1000 MHz	18.0 dB MIN

AMPLITUDE UNBALANCE:

FREQUENCY	ATTENUATION
5-40 MHz	0.4 dB MAX
41-1000 MHz	0.3 dB MAX



SCHEMATIC

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PRODUCT DESCRIPTION:

SPLTR,2-WAY,0-DEG,SPLTR;5-1000M,TERMINATED,FR4

SHEET:

1 OF 2

PART NO.

CX4012LNLT

DATASHEET REV.

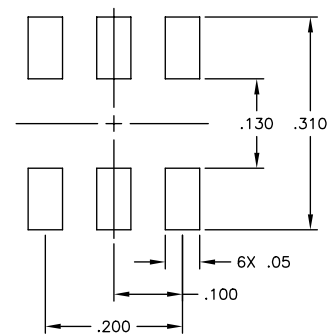
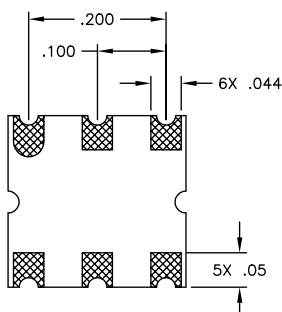
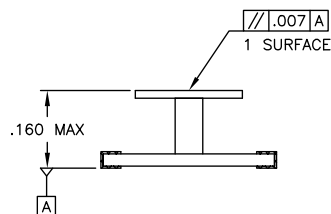
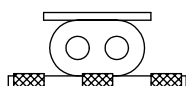
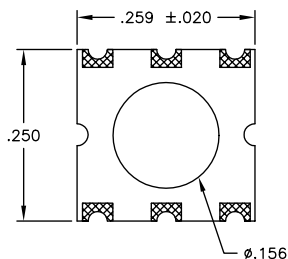
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E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM (US), ASIA@PULSEELECTRONICS.COM (Asia)

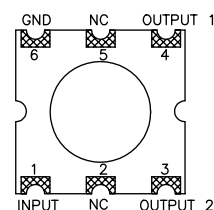
PHONE- USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768



MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



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