

CX2047LNL

- RF TRANSFORMER, 1:4CT
- 0.5-300 MHz
- IMPEDANCE = 50 OHMS
- SURFACE MOUNT

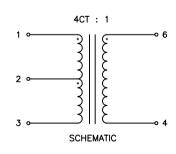
NOTES: UNLESS OTHERWISE SPECIFIED:

- 1. OPERATING TEMPERATURE: -40°C TO +85°C
- 2. STORAGE TEMPERATURE: -50°C TO +125°C
- 3. SURFACE MOUNT, FR4 SUBSTRATE
- 4. JEDEC MOISTURE SENSITIVITY LEVEL 1
- 5. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:

 $.XX = \pm .02$ $.XXX = \pm .010$

- 6. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING
 - A "T" SUFFIX TO THE PART NUMBER. ie: CX2047LNLT
- 7. ROHS COMPLIANT





ELECTRICAL SPECIFICATIONS: @ 25°C

RETURN LOSS:

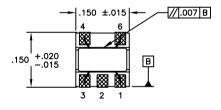
FREQUENCY	RETURN LOSS	FREQUENCY	RETURN LOSS
.5 MHz	-17 dB MIN	100 MHz	-25 dB MIN
1 MHz	-20 dB MIN	150 MHz	−21 dB MIN
10 MHz	-29 dB MIN	200 MHz	-18 dB MIN
50 MHz	-28 dB MIN	250 MHz	-16 dB MIN
70 MHz	-27 dB MIN	300 MHz	-14 dB MIN

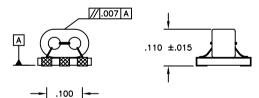
INSERTION LOSS:

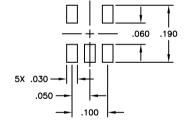
FREQUENCY	ATTENUATION			
100 KHz	-4 dB MAX			
.5 MHz	-1 dB MAX			
1.5 MHz	-0.5 dB MAX			
100 MHz	-0.5 dB MAX			
300 MHz	-1 dB MAX			

FREQUENCY	ATTENUATION			
500 MHz	−3 dB MAX			
*REFERENCE	ATTENUATION			
12.28 MHz	85 dB MAX TO 2 dB MIN			

MECHANICAL SPECIFICATIONS:







SUGGESTED LAND PATTERN

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PULSE CONFIDENTIAL	PRODUCT SPECIFICATION:	DWG. NO./ PART NO.	SHEET:	REV.
PROPRIETARY	XFMR, RF, SGL, RAC, 1:4CT, 0.5-300MHz	CX2047LNL	1	M15

.050 — 5X .028—

5X .030