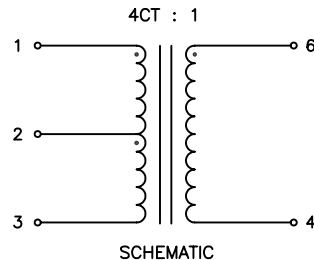


CX2047LNL

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

NOTES: UNLESS OTHERWISE SPECIFIED:

1. OPERATING TEMPERATURE: -40°C TO $+85^{\circ}\text{C}$
2. STORAGE TEMPERATURE: -50°C TO $+125^{\circ}\text{C}$
3. SURFACE MOUNT, FR4 SUBSTRATE
4. JEDEC MOISTURE SENSITIVITY LEVEL 1
5. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:
.XX= ± 0.02
.XXX= ± 0.010
6. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING A "T" SUFFIX TO THE PART NUMBER. ie: CX2047LNLT
7. ROHS COMPLIANT



ELECTRICAL SPECIFICATIONS: $\odot 25^{\circ}\text{C}$

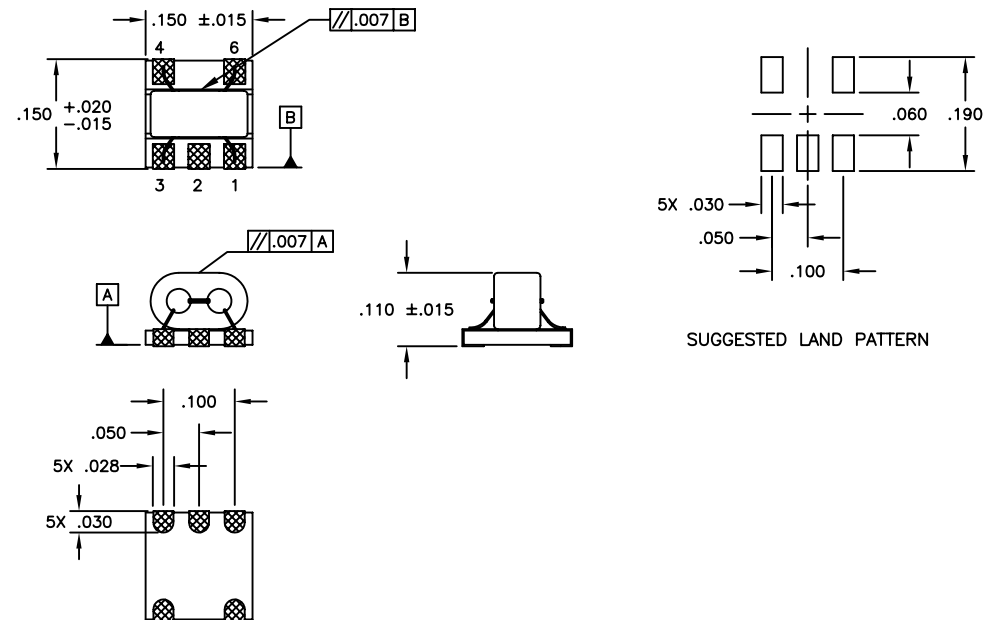
RETURN LOSS:

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	FREQUENCY	ATTENUATION
100 KHz	-4 dB MAX	500 MHz	-3 dB MAX
.5 MHz	-1 dB MAX		
1.5 MHz	-0.5 dB MAX	*REFERENCE	ATTENUATION
100 MHz	-0.5 dB MAX	12.28 MHz	-.85 dB MAX TO -.2 dB MIN
300 MHz	-1 dB MAX		

MECHANICAL SPECIFICATIONS:



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PULSE CONFIDENTIAL
&
PROPRIETARY

PRODUCT SPECIFICATION:
XFMR, RF, SGL, RAC, 1:4CT, 0.5–300MHz

DWG. NO./ PART NO.	SHEET:	REV.
CX2047LNL	1	M15

Mouser Electronics

Authorized Distributor

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