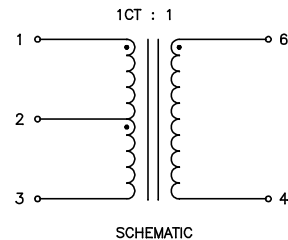


## CX2041NL

- RF TRANSFORMER, 1:1
- 0.05-450 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. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:  
.XX= ±.01  
.XXX= ±.005
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED  
BY ADDING A "T" SUFFIX TO THE PART NUMBER(EX: CX2041NLT)
6. ROHS COMPLIANT



### ELECTRICAL SPECIFICATIONS: @ 25°C

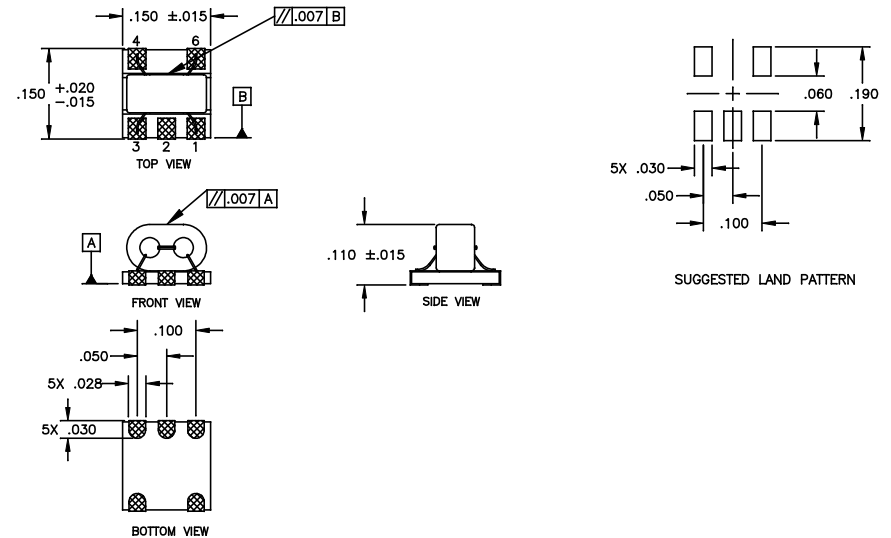
INSERTION LOSS:

| FREQUENCY | ATTENUATION(S21) |
|-----------|------------------|
| 50 KHz    | -3.0 dB MAX      |
| 100 KHz   | -1.5 dB MAX      |
| 1 MHz     | -0.8 dB MAX      |
| 5 MHz     | -0.8 dB MAX      |
| 120 MHz   | -0.8 dB MAX      |
| 160 MHz   | -1.3 dB MAX      |
| 200 MHz   | -2.0 dB MAX      |
| 300 MHz   | -2.5 dB MAX      |
| 450 MHz   | -3.4 dB MAX      |

RETURN LOSS:

| FREQUENCY | ATTENUATION(S11) |
|-----------|------------------|
| 100 KHz   | -8.0 dB MIN      |
| 400 KHz   | -18.0 dB MIN     |
| 1 MHz     | -24.0 dB MIN     |
| 5 MHz     | -28.0 dB MIN     |
| 10 MHz    | -25.0 dB MIN     |
| 30 MHz    | -22.0 dB MIN     |
| 80 MHz    | -14.5 dB MIN     |
| 120 MHz   | -11.5 dB MIN     |
| 180 MHz   | -8.5 dB MIN      |
| 200 MHz   | -8.0 dB MIN      |

### ELECTRICAL SPECIFICATIONS: @ 25°C



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PULSE CONFIDENTIAL  
&  
PROPRIETARY

PRODUCT SPECIFICATION:  
XFMR, RF, SGL, RAC, 1:1CT, .05-450MH

DWG. NO./ PART NO.  
CX2041NL

SHEET:  
1 OF 1

REV.  
M14

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