

CX2109NL

RF Transformer
1:1, 4.5 – 3000MHz
Impedance = 50 Ohms
Surface Mount, FR4 Substrate

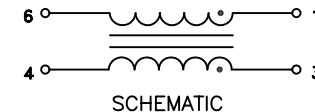
ELECTRICAL SPECIFICATIONS @ 25°C:

NOTES: UNLESS OTHERWISE SPECIFIED:

1. OPERATING TEMPERATURE: -40°C TO +85°C.
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. JEDEC MOISTURE: LEVEL 3.
4. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
.XX= ±.01
.XXX= ±.005
5. REVISION LEVEL MP1...MPX IS FOR PROTOTYPE RELEASED PRODUCTS.
6. ROHS COMPLIANT



| PARAMETER | FREQUENCY (Hz) | CALCULATED ATTENUATION |
|-----------------------------|----------------|------------------------|
| INSERTION LOSS: AT +25°C | 4.5 – 1000 M | 1.0 dB MAX |
| | 1000 – 2000 M | 2.0 dB MAX |
| | 2000 – 3000 M | 3.5 dB MAX |
| PHASE UNBALANCE: | 4.5–1000 MHz | 20 DEG MAX |
| AMPLITUDE UNBALANCE: | 4.5–1000 MHz | 1.0 dB MAX |



SCHEMATIC

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PRODUCT SPECIFICATION:
XFMR,RF,1:1,4.5–3000MHZ,RAC,SMT

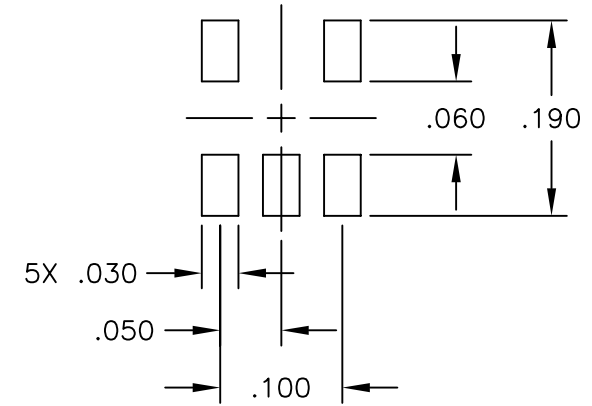
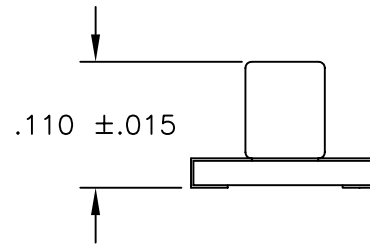
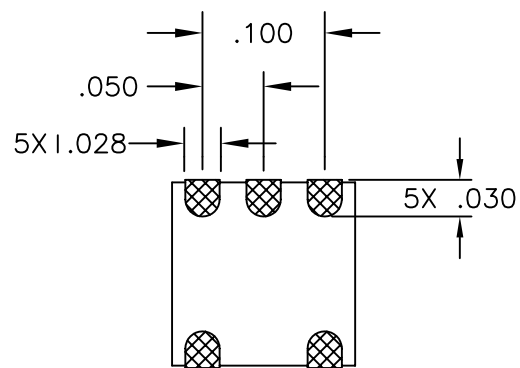
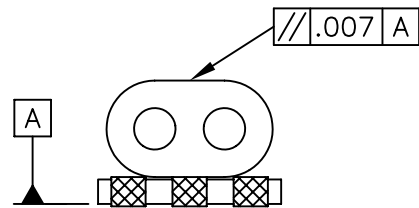
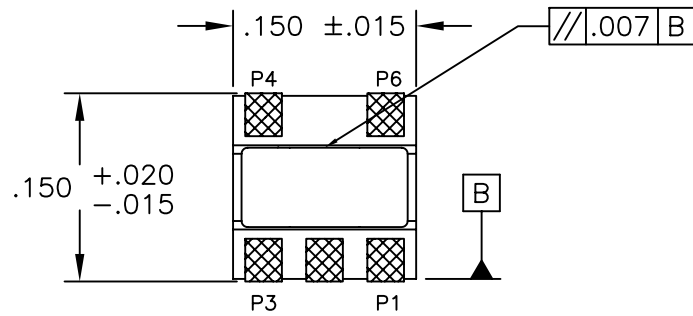
PS DRAWING
PS-0078.001

DWG. NO./ PART NO.
CX2109NL

SHEET:
1

REV.
MP1

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

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PS DRAWING
PS-0078.001

DWG. NO./ PART NO.
CX2109NL

SHEET:
2

REV.
MP1