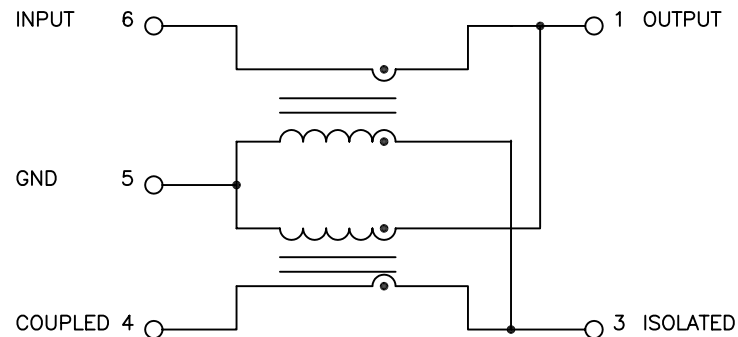


CX3120NL

- COUPLER, 14dB
- 5–1000MHz
- IMPEDANCE = 75 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. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCH WITH THE FOLLOWING TOLERANCES:
.XX ± 0.01
.XXX ± 0.005
5. REVISION LEVEL M10,M11...MX IS FOR A RELEASED PRODUCTS.
6. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING
A "T" SUFFIX TO THE PART NUMBER. ie: CX3120NLT
7. ROHS COMPLIANT



SCHEMATIC

ELECTRICAL SPECIFICATIONS @ 25°C :

INSERTION LOSS:

FREQUENCY	
5–870 MHz	–1.5 dB MIN
870–1000 MHz	–1.8 dB MIN

INPUT RETURN LOSS:

FREQUENCY	
5–870 MHz	–20.0 dB MAX
870–1000 MHz	–18.0 dB MAX

OUTPUT RETURN LOSS:

FREQUENCY	
5–870 MHz	–20.0 dB MAX
870–1000 MHz	–20.0 dB MAX

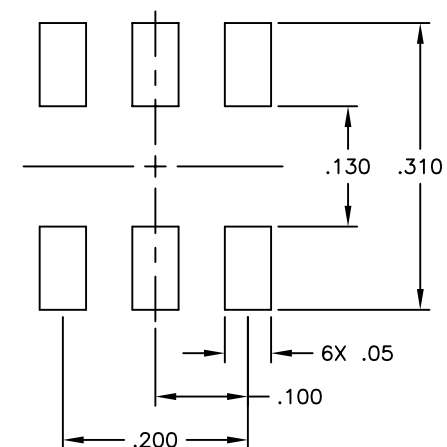
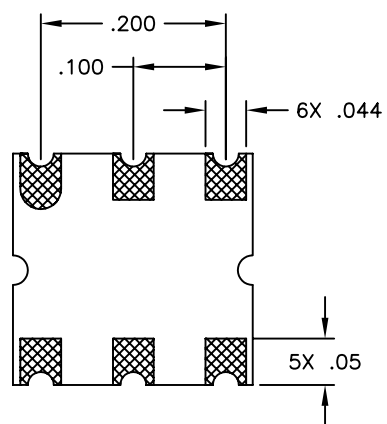
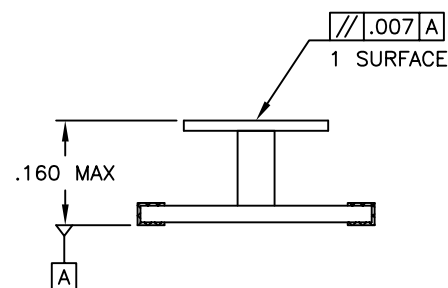
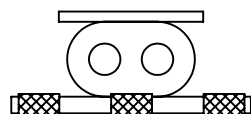
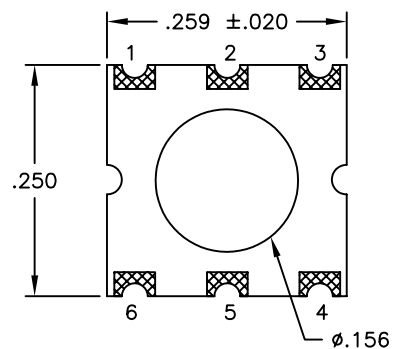
COUPLING FORWARD:

FREQUENCY	
5–870 MHz	–14.3 dB ± 0.5 dB
870–1000 MHz	–14.3 dB ± 0.7 dB

COUPLED PORT RETURN LOSS:

FREQUENCY	
5–870 MHz	–18.0 dB MAX
870–1000 MHz	–18.0 dB MAX

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN

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PULSE CONFIDENTIAL
&
PROPRIETARY

PRODUCT SPECIFICATION:

CPLR, IND, 14DB 5-1000MHz, SM

DWG. NO./ PART NO.

CX3120NL

SHEET:

2

REV.

M15