

CX4012LNL

- RF SPLITTER, 2-WAY
- 5-1000 MHz
- 0-DEG
- 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: CX4012LNLT)
6. ROHS COMPLIANT



ELECTRICAL SPECIFICATIONS: @ 25°C

INSERTION LOSS:

| FREQUENCY(MHZ) | ATTENUATION |
|----------------|-------------|
| 5-40 | 3.8 dB MAX |
| 41-600 | 3.6 dB MAX |
| 601-870 | 3.85 dB MAX |
| 871-1000 | 4.2 dB MAX |

RETURN LOSS:

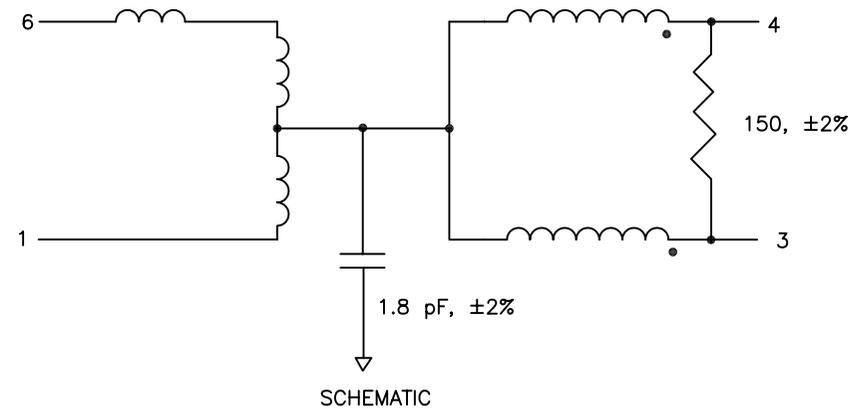
| FREQUENCY(MHZ) | ATTENUATION |
|----------------|-------------|
| 5-40 | 13.0 dB MIN |
| 41-600 | 19.0 dB MIN |
| 601-1000 | 18.0 dB MIN |

ISOLATION:

| FREQUENCY(MHZ) | ATTENUATION |
|----------------|-------------|
| 5-40 | 16.5 dB MAX |
| 41-600 | 22.0 dB MAX |
| 601-1000 | 22.0 dB MAX |

AMPLITUDE UNBALANCE:

| FREQUENCY(MHZ) | ATTENUATION |
|----------------|-------------|
| 5-40 | 0.4 dB MAX |
| 41-1000 | 0.3 dB MAX |



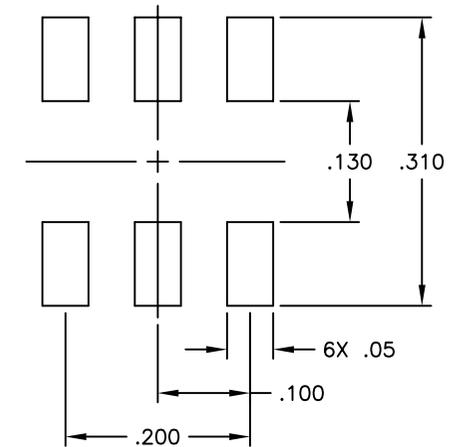
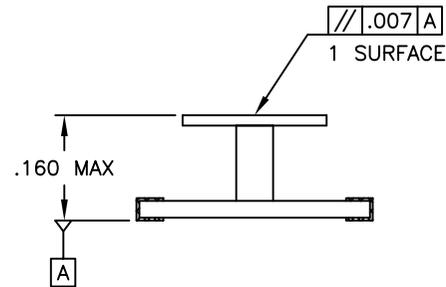
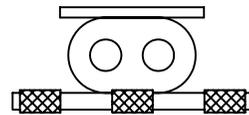
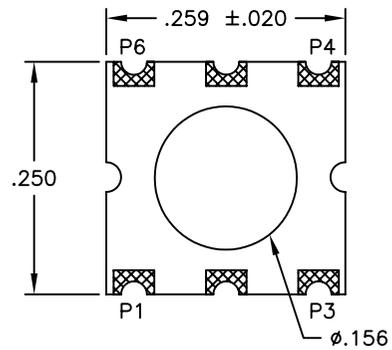
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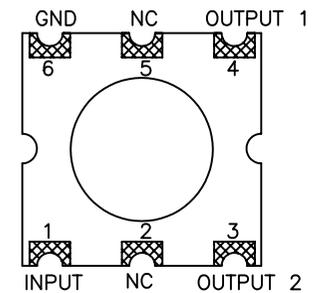
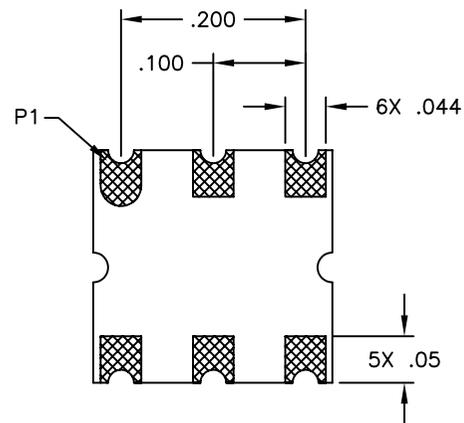
PRODUCT SPECIFICATION:
SPLTR,2-WAY,0-DEG,SPLTR; 5-1000M, TERMINATED

| DWG. NO./ PART NO. | SHEET: | REV. |
|--------------------|--------|------|
| CX4012LNL | 1 | M13 |

MECHANICAL SPECIFICATIONS:



SUGGESTED LAND PATTERN



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SPLTR, 2-WAY, 0-DEG, SPLTR; 5-1000M, TERMINATED

DWG. NO./ PART NO.

CX4012LNL

SHEET:

2

REV.

M13