

## C4036NL

RF SPLITTER, 2-WAY  
5–1000 MHz  
0–DEG  
IMPEDANCE = 75 OHMS  
SURFACE MOUNT

NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE: 0°C TO +70°C
2. STORAGE TEMPERATURE: –20°C TO +125°C
3. JEDEC MOISTURE: LEVEL 1.
4. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCE:  
.XX= ±.02  
.XXX= ±.010
5. OPTIONAL TAPE & REEL PACKAGING CAN BE ORDERED BY ADDING  
A "T" SUFFIX TO THE PART NUMBER. ie: C4036NLT
6. REVISION LEVEL M10,M11...MX IS FOR A RELEASED PRODUCTS.
7. ROHS COMPLIANT



### ELECTRICAL SPECIFICATIONS: @ 25°C

#### INSERTION LOSS:

FREQUENCY	
5–40 MHz	–4.0 dB MAX
41–500 MHz	–3.7 dB MAX
501–1000 MHz	–4.0 dB MAX

#### INPUT RETURN LOSS:

FREQUENCY	
5–1000 MHz	–16.0 dB MIN

#### OUTPUT RETURN LOSS:

FREQUENCY	
5–1000 MHz	–16.0 dB MIN

#### ISOLATION: (SAMPLE ONLY)

FREQUENCY	
5–400 MHz	–19 dB MIN
401–500 MHz	–16 dB MIN
501–1000 MHz	–10 dB MIN

#### AMPLITUDE BALANCE: (SAMPLE ONLY)

FREQUENCY	
5–40 MHz	–0.6 dB MAX
41–400 MHz	–0.4 dB MAX
401–1000 MHz	–0.6 dB MAX

#### PHASE IMBALANCE: (SAMPLE ONLY)

FREQUENCY	
5–500 MHz	3° MAX
501–1000 MHz	5° MAX

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PRODUCT SPECIFICATION:

SPLTR, 2-WAY, 0-DEG, SPLTR; 5–1000MHz, UNTERM

DWG. NO./ PART NO.

C4036NL

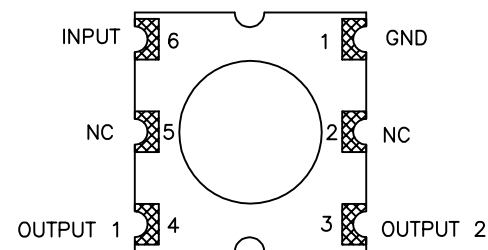
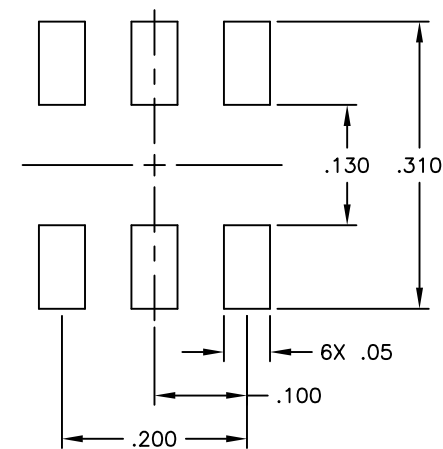
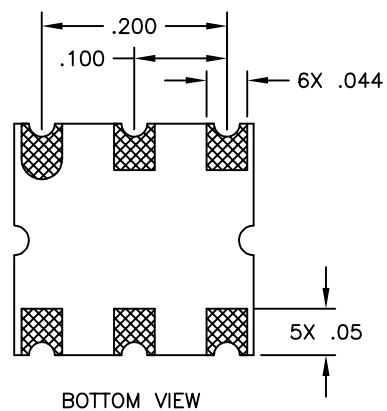
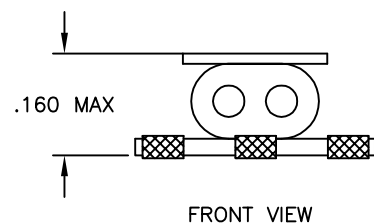
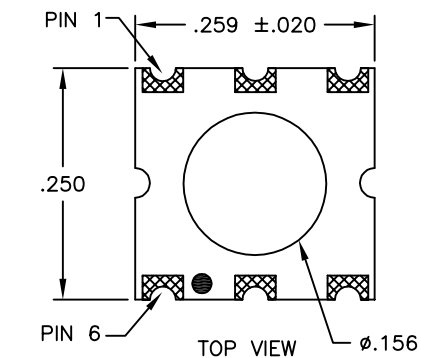
SHEET:

1

REV.

M13

MECHANICAL SPECIFICATIONS:



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PRODUCT SPECIFICATION:

SPLTR, 2-WAY, 0-DEG, SPLTR; 5-1000MHz, UNTERM

DWG. NO./ PART NO.

C4036NL

SHEET:

2

REV.

M13

# Mouser Electronics

Authorized Distributor

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Pulse:

C4036NL