

## Wire Wound Common Mode Choke

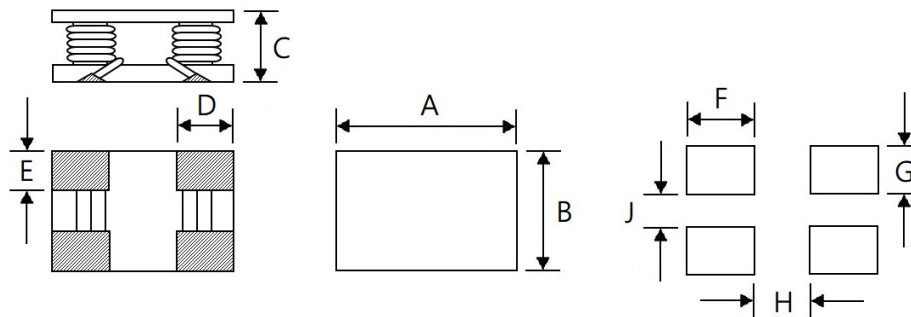
## Features

High impedance for common mode noise and low impedance for differential mode signal.  
 Large rated current available.  
 Wide band or sharp type impedance curve available.

## Applications

Prevention of common mode noise on signal Lines and power lines for computer related or electronic products.

## Dimensions and footprint (Unit : mm)



Unit : mm

| Size     | A         | B         | C        | D        | E        | F    | G    | H    | J    |
|----------|-----------|-----------|----------|----------|----------|------|------|------|------|
| MCM-5050 | 5.00±0.3  | 8.50±0.3  | 5.00±0.5 | 1.70 Ref | 2.90 Ref | 2.10 | 3.60 | 1.20 | 1.80 |
| MCM-5717 | 5.70±0.3  | 4.60±0.3  | 1.70±0.5 | 2.10 Ref | 1.20 Ref | 2.50 | 1.60 | 1.00 | 1.80 |
| MCM-7532 | 7.50±0.3  | 6.00±0.3  | 3.10±0.5 | 2.55 Ref | 1.80 Ref | 3.10 | 2.40 | 1.50 | 1.00 |
| MCM-1050 | 10.00±0.3 | 8.00±0.3  | 5.00±0.5 | 2.55 Ref | 1.75 Ref | 4.20 | 3.00 | 3.60 | 2.00 |
| MCM-1260 | 12.00±0.3 | 10.00±0.3 | 6.00±0.5 | 3.60 Ref | 2.35 Ref | 4.75 | 4.50 | 4.50 | 3.00 |

## Part Number Code

MCM - 1050 - 40 1  
 1 2 3 4

1、Series Name

2、Size Code : the first two digitals : length(mm), the last two digitals : width(mm)

3、Impedance(Ω)

4、Fixed Decimal Point

{ (ex : 401=400Ω)

## Specification

| Part No.     | Impedance ( $\Omega$ ) 100MHz | IDC(A)<br>(max) | DCR(m $\Omega$ )<br>(max) |
|--------------|-------------------------------|-----------------|---------------------------|
|              | Min                           |                 |                           |
| MCM-5050-601 | 600                           | 4.9             | 50                        |
| MCM-5050-701 | 700                           | 3.0             | 55                        |

| Part No.     | Impedance ( $\Omega$ ) 100MHz | IDC(A)<br>(max) | DCR(m $\Omega$ )<br>(max) |
|--------------|-------------------------------|-----------------|---------------------------|
|              | Min                           |                 |                           |
| MCM-5717-151 | 150                           | 1.0             | 50                        |
| MCM-5717-351 | 350                           | 0.5             | 70                        |

| Part No.     | Impedance ( $\Omega$ ) 100MHz | IDC(A)<br>(max) | DCR(m $\Omega$ )<br>(max) |
|--------------|-------------------------------|-----------------|---------------------------|
|              | Min                           |                 |                           |
| MCM-7532-201 | 200                           | 2.0             | 20                        |
| MCM-7532-301 | 300                           | 1.5             | 25                        |
| MCM-7532-601 | 600                           | 1.0             | 45                        |

| Part No.     | Impedance ( $\Omega$ ) 100MHz | IDC(A)<br>(max) | DCR(m $\Omega$ )<br>(max) |
|--------------|-------------------------------|-----------------|---------------------------|
|              | Min                           |                 |                           |
| MCM-1050-401 | 400                           | 4.0             | 30                        |

| Part No.     | Impedance ( $\Omega$ ) 100MHz | IDC(A)<br>(max) | DCR(m $\Omega$ )<br>(max) |
|--------------|-------------------------------|-----------------|---------------------------|
|              | Min                           |                 |                           |
| MCM-1260-201 | 200                           | 6.0             | 15                        |
| MCM-1260-301 | 300                           | 5.5             | 20                        |
| MCM-1260-401 | 400                           | 5.0             | 25                        |