

Wire Wound Common Mode Filter

Applications

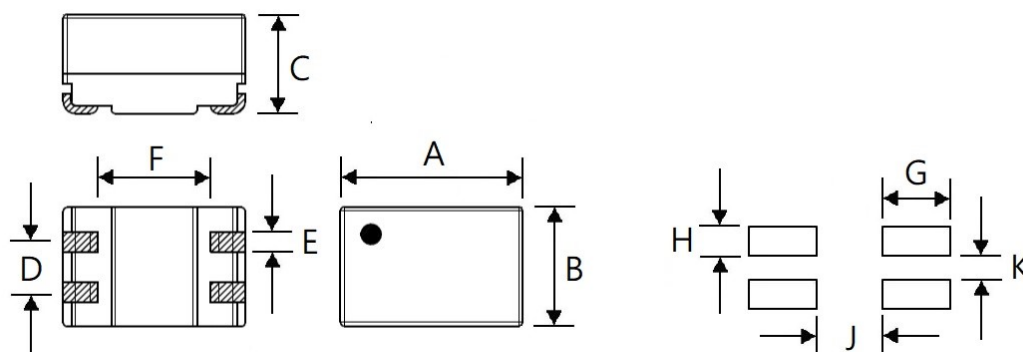
Current compensated choke for data and signal lines.

Power supply systems.

Signal and sensor lines.

Suppression for common mode noise.

Dimensions and footprint (Unit : mm)



Unit : mm

Size	A	B	C	D	E	F	G	H	J	K
MCU-0905	9.20±0.3	6.00±0.3	5.00±0.3	2.54±0.2	1.00±0.1	5.7 ref	2.00	1.20	5.50	1.34

Part Number Code

MCU - 0905 - 50 1  
 1        2        3        4

1 - Series Name

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

3 - Inductance (μH)

4 - Fixed Decimal Point

{ (ex : 100=10μH ; 501=500μH)

**Specification**

Part No.	Inductance (μH)	Test Freq.	DCR (Ω) (max)	IDC (A) (max)	Insulation Resistance IR (MΩ) Min.	Impedance (Ω) 100MHz
MCU-0905-100	10±30%	1KHZ/0.1V	0.08	1.6	920 Typ.	920
MCU-0905-510	51±30%	1KHZ/0.1V	0.16	1.0	1500	5500
MCU-0905-251	250±50%	100KHZ/0.1V	0.13	1.2	600	1800
MCU-0905-501	500±50%	100KHZ/0.1V	0.15	1.3	1000	3300
MCU-0905-102	1000±50%	100KHZ/0.1V	0.31	0.8	1500	6000
MCU-0905-202	2000±50%	100KHZ/0.1V	0.42	0.6	3000	9200