

Wire Wound Common Mode Filter

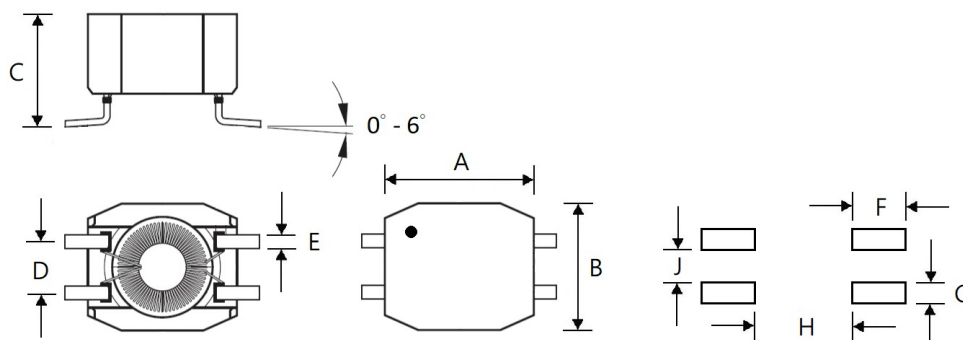
Features

- High rated currents, reduced components height
- Qualified to AEC-Q200
- Suitable for reflow soldering
- RoHS-compatible

Applications

- Automotive applications, e.g. CAN bus
- Industrial applications

Dimensions and footprint (Unit : mm)



Unit : mm

Size	A	B	C	D	E	F	G	H	J
MCS-0705	7.30±0.3	6.00 max	5.00 max	2.54 ±0.15	0.50 typ.	2.85	1.20	4.50	1.30

Part Number Code

MCS - 0705 - 10 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) { (ex : 110=11μH ; 101=100μH)
- 4 - Fixed Decimal Point

Specification

Part No.	Inductance (μ H)	Test Freq.	DCR (Ω) (max)	IDC (mA) (max)	Insulation Resistance IR ($M\Omega$) Min.	Hi-pot Max		
						Voltage	Electric current	Time
MCS-0705-110	11 \pm 30%	100KHZ/0.25V	0.12	0.8	100	500VAC	3mA	3S
MCS-0705-250	25 \pm 30%	100KHZ/0.25V	0.13	0.8	100	500VAC	3mA	3S
MCS-0705-510	51 \pm 30%	100KHZ/0.25V	0.14	0.8	100	500VAC	3mA	3S
MCS-0705-101	100 min	1KHZ/0.1V	0.45	0.9	-----	500VAC	3mA	3S
MCS-0705-251	250 \pm 50%	100KHZ/0.05V	0.08	2.0	100	500VAC	3mA	3S
MCS-0705-471	470 \pm 50%	100KHZ/0.25V	0.18	0.5	100	500VAC	3mA	3S
MCS-0705-102	1000 \pm 50%	100KHZ/0.25V	0.4	0.5	100	500VAC	3mA	3S