Common Mode Filter

Features

- High common mode impedance at high frequency effects excel noise suppression performance
- Suitable for differential signal line like USB2.0, IEEE 1394 and LVDS

Applications

- Inductor for use with separate signal and power lines in in-vehicle PoC (Power Over Coax), etc
- CAN-BUS, FAXs, modems, ISDNs, etc

Part No.	Image	Feature	L x W x T Size (mm)	Common-mode Impedance (Ω)	Common-mode Inductance(μH)	Rated Current (A)	Rated Voltage (V)	Rdc (Ω)
WCM3216Z		Wire Wound	3.2 x 1.6 x 1.9	90~2200 at 100MHz		0.2~0.37	50	0.3~1.2
WCM3225Z		Wire Wound	3.2 x 2.5 x 2.2	90~1000 at 100MHz		0.4 ~ 1.0	50	0.2~0.3
WCM4532Z		Wire Wound	4.5 x 3.2 x 2.8	90~1000 at 100MHz		1.0 ~ 2.0	50	0.05~0.25
WCM3225L		Wire Wound	3.2 x 2.5 x 2.2		11~100 at 100KHz	0.15 ~ 0.3	80	0.4~1.5
WCM3225LV		Wire Wound	3.2 x 2.5 x 2.2		4.7~10 at 100KHz	0.45 ~ 0.72		0.1~0.15
WCM4532L		Wire Wound	4.5 x 3.2 x 2.8		11~100 at 100KHz	0.15 ~ 0.25	50	0.6~2.0

Part No.	Size (mm)	Thickness (mm) max.	Common-mode Impedance (Ω) ±25% at 100MHz	Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (MΩ)	Withstand Voltage (Vdc)	DC Resistance (max.) (Ω)
WCM3216Z-900	3.2 x 1.6	2.1	90	370	50	10 min	125	0.3
WCM3216Z-161	3.2 x 1.6	2.1	160	340	50	10 min	125	0.4
WCM3216Z-261	3.2 x 1.6	2.1	260	310	50	10 min	125	0.5
WCM3216Z-601	3.2 x 1.6	2.1	600	260	50	10 min	125	0.8
WCM3216Z-102	3.2 x 1.6	2.1	1000	230	50	10 min	125	1
WCM3216Z-222	3.2 x 1.6	2.1	2200	200	50	10 min	125	1.2
WCM3225Z-900	3.2 x 2.5	2.4	90	1000	50	10 min	125	0.3
WCM3225Z-601	3.2 x 2.5	2.4	600	1000	50	10 min	125	0.2
WCM3225Z-102	3.2 x 2.5	2.4	1000	400	50	10 min	125	0.3
WCM4532Z-900	4.5 x 3.2	3.0	90	2000	50	10 min	125	0.05
WCM4532Z-601	4.5 x 3.2	3.0	600	1500	50	10 min	125	0.24
WCM4532Z-102	4.5 x 3.2	3.0	1000	1000	50	10 min	125	0.25