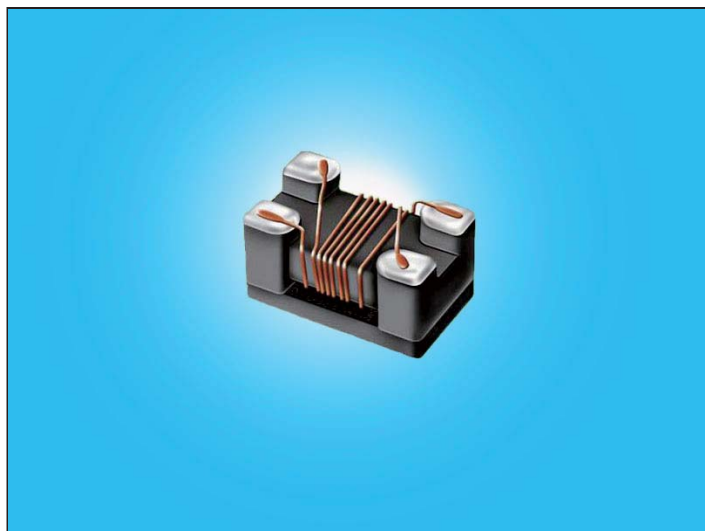


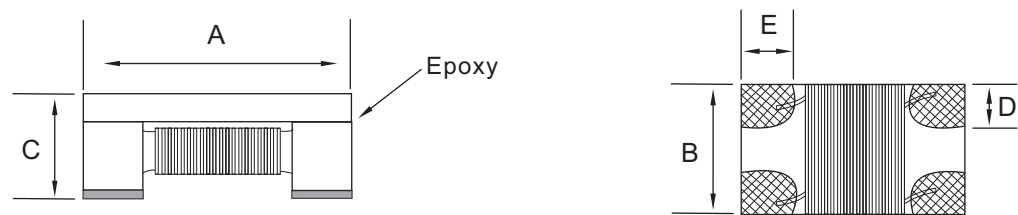
Wire Wound Common Mode Choke



Features and Applications

- Excellent Solderability and high heat resistance for reflow soldering or wave soldering.
- Minature size, suitable for SMT.
- With large coupling coefficient little impact on high-speed differential signal.
- Prevention of common mode noise at high frequency.
- USD lines of PC, peripheral equipments.
- LVDS lines of note PC, LCD.
- Redialed noise suppression on digital product clock lines signal lines and suppression noise on circuit.

Dimensions (Unit:mm)



Type	A	B	C	D(Ref.)	E(Ref.)
CMW1210(0504)	1.2±0.2	1.0±0.2	0.8±0.2	0.36	0.33
CMW1608(0603)	1.6±0.1	0.8±0.1	1.1±0.1	0.25	0.33
CMW2012(0805)	2.0±0.2	1.2±0.2	1.2±0.2	0.4	0.45
CMW3216(1206)	3.2±0.2	1.6±0.2	1.8±0.2	0.6	0.6
CMW4532(1812)	4.5±0.2	3.2±0.2	2.8±0.2	1.2	1.0

Electrical Specifications-CMW1210

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (m Ω)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW1210-350	35 $\pm$ 25%	0.18	10	430	20
CMW1210-600	60 $\pm$ 25%	0.3	10	400	20
CMW1210-900	90 $\pm$ 25%	0.3	10	400	20
CMW1210-161	160 $\pm$ 25%	0.6	10	260	20

Electrical Specifications-CMW1608

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (m Ω)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW1608-250	25 $\pm$ 25%	0.1	10	500	20
CMW1608-600	60 $\pm$ 25%	0.2	10	350	20
CMW1608-900	90 $\pm$ 25%	0.25	10	300	20
CMW1608-141	140 $\pm$ 25%	0.25	10	300	20
CMW1608-221	220 $\pm$ 25%	0.25	10	300	20

Electrical Specifications-CMW2012

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (m Ω)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW2012-300	30 $\pm$ 25%	0.2	10	450	50
CMW2012-400	40 $\pm$ 25%	0.12	10	500	50
CMW2012-670	67 $\pm$ 25%	0.25	10	400	50
CMW2012-750	75 $\pm$ 25%	0.3	10	400	50
CMW2012-900	90 $\pm$ 25%	0.3	10	400	50
CMW2012-121	120 $\pm$ 25%	0.3	10	370	50
CMW2012-161	160 $\pm$ 25%	0.3	10	340	50
CMW2012-181	180 $\pm$ 25%	0.35	10	330	50
CMW2012-201	200 $\pm$ 25%	0.35	10	330	50
CMW2012-221	220 $\pm$ 25%	0.35	10	330	50
CMW2012-261	260 $\pm$ 25%	0.4	10	300	50
CMW2012-371	370 $\pm$ 25%	0.4	10	280	50
CMW2012-601	600 $\pm$ 25%	0.375	10	250	50
CMW2012-671	670 $\pm$ 25%	0.6	10	150	50
CMW2012-901	900 $\pm$ 25%	0.8	10	150	50
CMW2012-102	1000 $\pm$ 25%	0.8	10	100	50
CMW2012-222	2200 $\pm$ 25%	1.4	10	100	50

Electrical Specifications-CMW3216

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance ($m\Omega$)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW3216-670	67 $\pm$ 25%	0.3	10	500	50
CMW3216-750	75 $\pm$ 25%	0.3	10	500	50
CMW3216-900	90 $\pm$ 25%	0.3	10	500	50
CMW3216-101	100 $\pm$ 25%	0.3	10	500	50
CMW3216-121	120 $\pm$ 25%	0.3	10	370	50
CMW3216-161	160 $\pm$ 25%	0.4	10	340	50
CMW3216-181	180 $\pm$ 25%	0.4	10	340	50
CMW3216-261	260 $\pm$ 25%	0.5	10	310	50
CMW3216-281	280 $\pm$ 25%	0.5	10	310	50
CMW3216-361	360 $\pm$ 25%	0.5	10	280	50
CMW3216-371	370 $\pm$ 25%	0.5	10	280	50
CMW3216-431	430 $\pm$ 25%	0.6	10	280	50
CMW3216-601	600 $\pm$ 25%	0.8	10	260	50
CMW3216-102	1000 $\pm$ 25%	1.0	10	230	50
CMW3216-222	2200 $\pm$ 25%	1.2	10	200	50

Electrical Specifications-CMW4532

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance ($m\Omega$)Min.	Rated Current(A) Max.	Rated Voltage(V) Max.
CMW4532-800	80 $\pm$ 25%	0.07	10	3	50
CMW4532-900	90 $\pm$ 25%	0.07	10	3	50
CMW4532-121	120 $\pm$ 25%	0.07	10	3	50
CMW4532-601	600 $\pm$ 25%	0.3	10	1.5	50
CMW4532-102	1000 $\pm$ 25%	0.4	10	1	50
CMW4532-142	1400 $\pm$ 25%	0.2	10	1.5	50