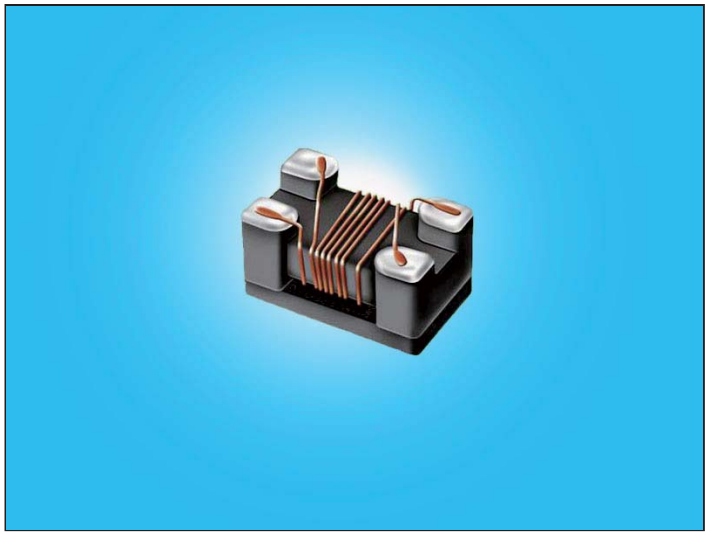
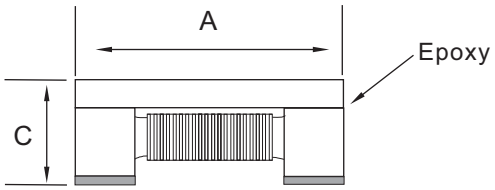
Wire Wound Common Mode Choke

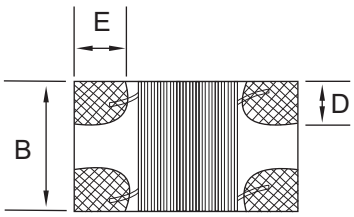


Features and Applications

- 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.
- Operating temperature range:-40℃~+85℃.
- 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	1.2±0.2	1.0±0.2	0.9Max.	0.36	0.33
CMW1608	1.6±0.1	0.8±0.1	1.1±0.1	0.25	0.33
CMW2012	2.0±0.2	1.2±0.2	1.2±0.2	0.4	0.45
CMW3216	3.2±0.2	1.6±0.2	1.9±0.2	0.6	0.6
CMW3225	3.2±0.2	2.5±0.2	2.2±0.2	0.8	0.65
CMW3225T	3.2±0.2	2.5±0.2	2.5Max.	0.8	0.65
CMW4532	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 (mΩ)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW1210-670-2P	67±25%	0.4	10	300	50
CMW1210-900-2P	90±25%	0.5	10	280	50
CMW1210-121-2P	120±25%	0.55	10	270	50
CMW1210-161-2P	160±25%	0.58	10	260	50
CMW1210-181-2P	180±25%	0.6	10	260	50
CMW1210-251-2P	250±25%	0.7	10	230	50
CMW1210-331-2P	330±25%	0.8	10	200	50

Electrical Specifications-CMW1608

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (mΩ)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW1608-670-2P	67±25%	0.3	10	300	50
CMW1608-900-2P	90±25%	0.3	10	300	50
CMW1608-121-2P	120±25%	0.36	10	250	50
CMW1608-161-2P	160±25%	0.4	10	200	50
CMW1608-221-2P	220±25%	0.42	10	200	50

Electrical Specifications-CMW2012

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (mΩ)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW2012-670-2P	67±25%	0.25	10	400	50
CMW2012-750-2P	75±25%	0.25	10	400	50
CMW2012-900-2P	90±25%	0.3	10	400	50
CMW2012-121-2P	120±25%	0.3	10	350	50
CMW2012-161-2P	160±25%	0.3	10	350	50
CMW2012-181-2P	180±25%	0.35	10	330	50
CMW2012-221-2P	220±25%	0.35	10	330	50
CMW2012-261-2P	260±25%	0.4	10	300	50
CMW2012-361-2P	360±25%	0.4	10	280	50
CMW2012-801-2P	800±25%	1	10	150	50

Electrical Specifications-CMW3216

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (mΩ)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW3216-670-2P	67±25%	0.25	10	400	50
CMW3216-900-2P	90±25%	0.3	10	400	50
CMW3216-121-2P	120±25%	0.35	10	370	50
CMW3216-161-2P	160±25%	0.4	10	340	50
CMW3216-261-2P	260±25%	0.5	10	310	50
CMW3216-601-2P	600±25%	0.8	10	260	50
CMW3216-102-2P	1000±25%	1.0	10	230	50
CMW3216-222-2P	2200±25%	1.2	10	200	50
CMW3216-602-2P	6000±25%	4	10	100	50

Electrical Specifications-CMW3225

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (mΩ)Min.	Rated Current(mA) Max.	Rated Voltage(V) Max.
CMW3225-800-2P	80±25%	0.15	10	2000	50
CMW3225-900-2P	90±25%	0.15	10	2000	60
CMW3225-121-2P	120±25%	0.08	10	2000	60
CMW3225-601-2P	600±25%	0.25	10	1000	50
CMW3225-102-2P	1000±25%	0.35	10	1200	50
CMW3225T-101-2P	100±25%	1.5	10	150	80

Electrical Specifications-CMW4532

P/N	Impedance(Ω) 100MHz	DCR(Ω) Max.	Insulation Resistance (mΩ)Min.	Rated Current(A) Max.	Rated Voltage(V) Max.
CMW4532-800-2P	80±25%	0.07	10	3	50
CMW4532-900-2P	90±25%	0.07	10	3	50
CMW4532-121-2P	120±25%	0.07	10	3	50
CMW4532-201-2P	200±25%	0.1	10	2	50
CMW4532-601-2P	600±25%	0.3	10	1.5	50
CMW4532-801-2P	800±25%	0.35	10	1	50
CMW4532-102-2P	1000±25%	0.4	10	1	50
CMW4532-142-2P	1400±25%	0.2	10	1.5	50