

Wire Wound Common Mode Choke / QTCW Series

Feature

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. QTCW-series realizes small size and low profile.
3. The products contain no lead and also support lead-free soldering

Application

Common mode noise suppression of signal lines in high speed and high density digital equipment such as personal computers and peripherals.

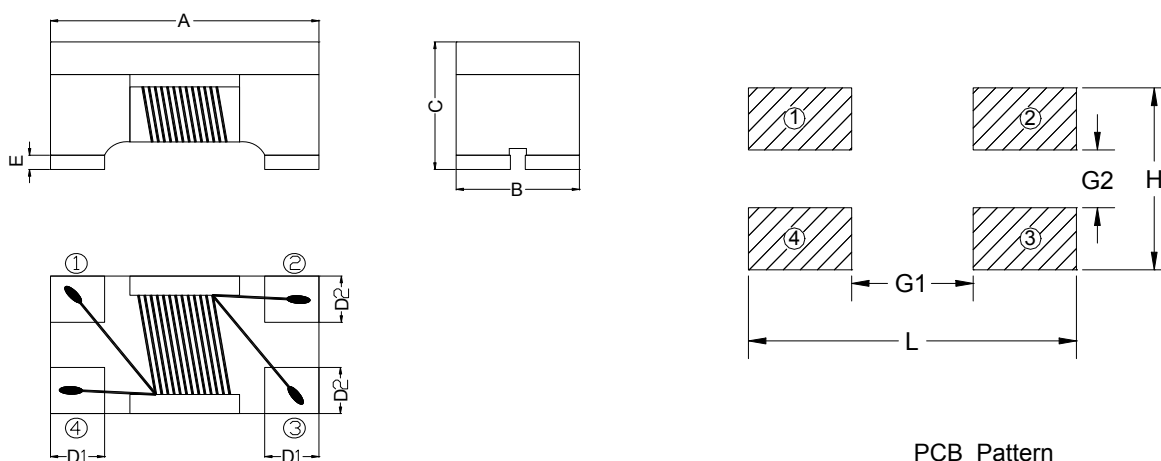
Product Identification

QTCW 2012 - 090 - LF

1 2 3

1. Series name.
2. Dimension.(See Details)
3. Impedance.(See Details)
4. Lead-Free part number.

Configurations & Dimensions



PCB Pattern

Series Name	A	B	C	D1	D2	E	L	H	G1	G2
QTCW2012	2.0 ±0.2	1.2 ±0.2	1.0 ±0.2	0.45	0.40	0.15	2.60	1.20	1.00	0.40
QTCW2012H	2.0 ±0.2	1.2 ±0.2	1.2 ±0.2	0.45	0.40	0.15	2.60	1.20	1.00	0.40
QTCW3216	3.2 ±0.2	1.6 ±0.2	1.8 ±0.2	0.60	0.60	0.17	3.70	1.60	1.60	0.40

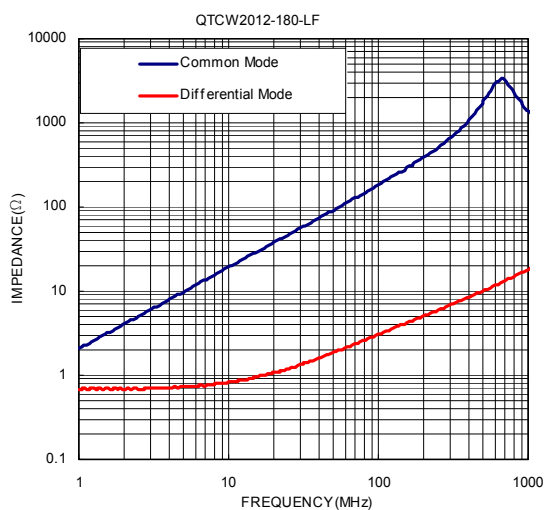
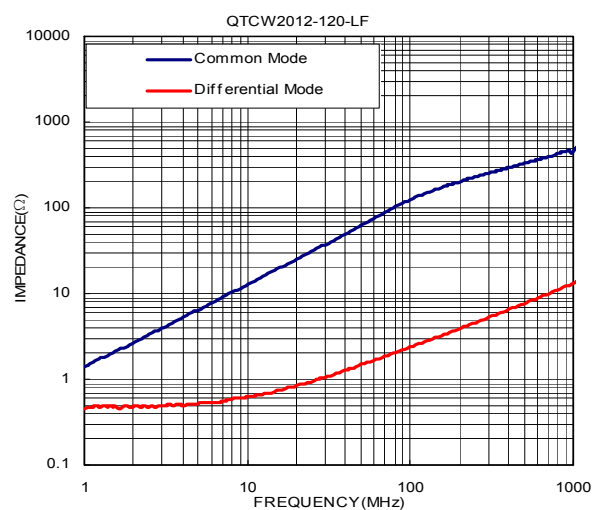
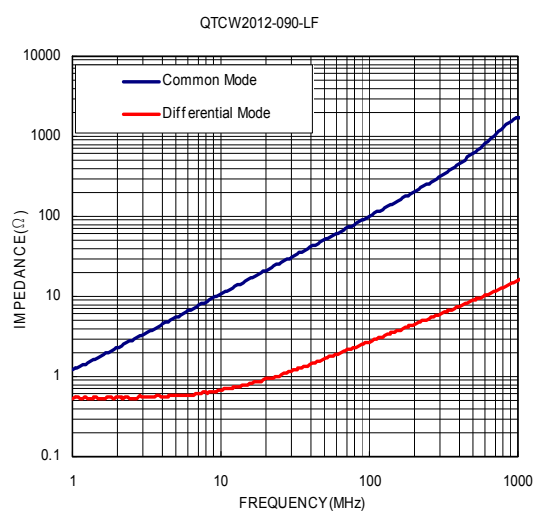
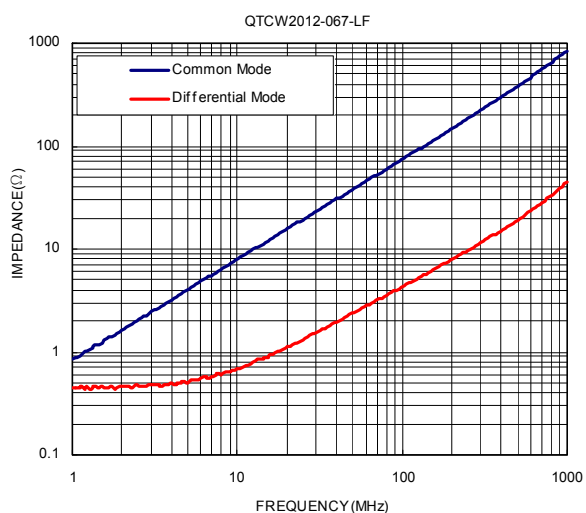
Unit: mm

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Electrical Characteristics / QTCW2012/2012H/3216

System Number	Part Number	Common mode Impedance (Ω) 100MHz	Resistance Rdc (m Ω) Max	Rated Current (mA) Max	Rated Voltage Vdc(V)	Withstanding Voltage Vdc (V)	Insulation Resistance (Ω) Min
WP38O0201-00	QTCW2012-067__	67 \pm 25%	350	330	50	125	10M
WP36O0202-00	QTCW2012-090__	90 \pm 25%	350	330	50	125	10M
WP36O0203-00	QTCW2012-120__	120 \pm 25%	450	280	50	125	10M
WP36O0205-00	QTCW2012-180__	180 \pm 25%	500	250	50	125	10M

Electrical Curve / QTCW2012

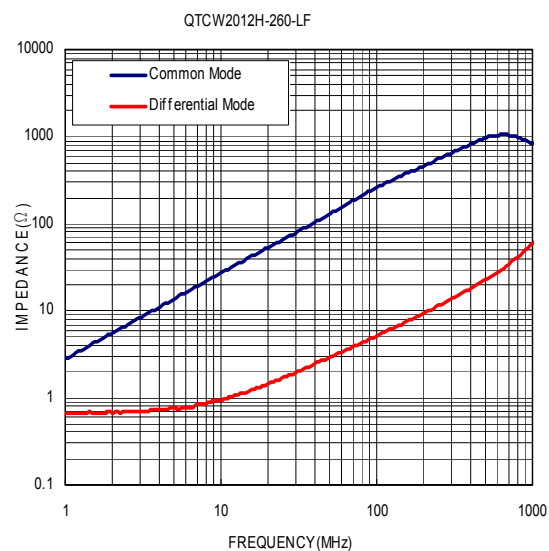
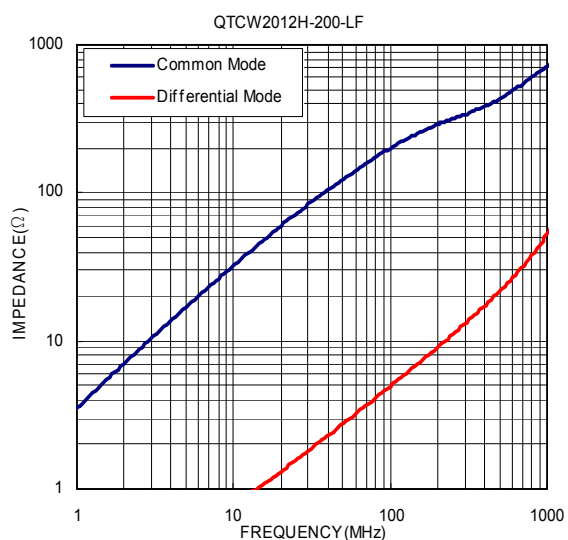


Wire Wound Common Mode Choke / QTCW Series

Electrical Characteristics / 2012H/3216

System Number	Part Number	Common mode Impedance (Ω) 100MHz	Resistance Rdc (m Ω) Max	Rated Current (mA) Max	Rated Voltage Vdc(V)	Withstanding Voltage Vdc (V)	Insulation Resistance (Ω) Min
WP38O0301-00	QTCW2012H-067__	67 \pm 25%	250	400	50	125	10M
WP38O0302-00	QTCW2012H-090__	90 \pm 25%	350	330	50	125	10M
WP38O0303-00	QTCW2012H-120__	120 \pm 25%	300	370	50	125	10M
WP38O0305-00	QTCW2012H-180__	180 \pm 25%	350	330	50	125	10M
WP38O0306-00	QTCW2012H-200__	200 \pm 25%	350	330	50	125	10M
WP38O0307-00	QTCW2012H-260__	260 \pm 25%	400	300	50	125	10M
WP38O0308-00	QTCW2012H-370__	370 \pm 25%	400	280	50	125	10M
WP38O0502-00	QTCW3216-090__	90 \pm 25%	300	370	50	125	10M
WP38O0504-00	QTCW3216-160__	160 \pm 25%	400	340	50	125	10M
WP38O0507-00	QTCW3216-260__	260 \pm 25%	500	310	50	125	10M
WP38O0509-00	QTCW3216-600__	600 \pm 25%	800	260	50	125	10M
WP38O0510-00	QTCW3216-1001__	1000 \pm 25%	1000	230	50	125	10M
WP38O0511-00	QTCW3216-2201__	2200 \pm 25%	1200	200	50	125	10M

Electrical Curve / QTCW2012H



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Electrical Curve / QTCW2012H , QTCW3216

