

# HPCW2012---3216 Series

## FEATURES

- Winding type realizes small size and low profile
- Prevention of common mode noise at high frequency
- 67 OHM~2200 OHM are optional for different noise level and signal frequency
- Excellent soldering heat resistance

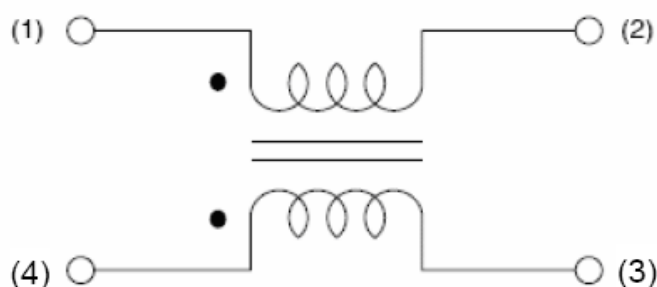
## APPLICATIONS

- USB2.0 of PC, peripheral equipments, small digital AV equipments, etc.
- LVDS lines of Note PC, LCD
- Audio Lines

Operating temperature range: -25°C~+120°C (Including self-heating)

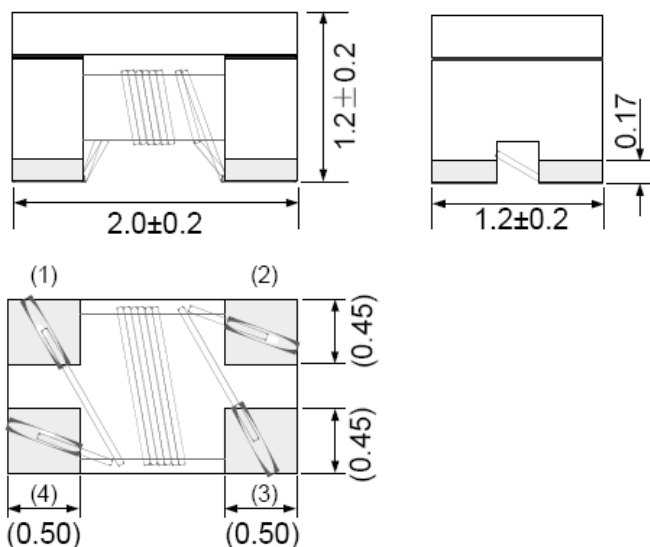
## SHAPE AND DIMENSIONS

## EQUIVALENT CIRCUIT



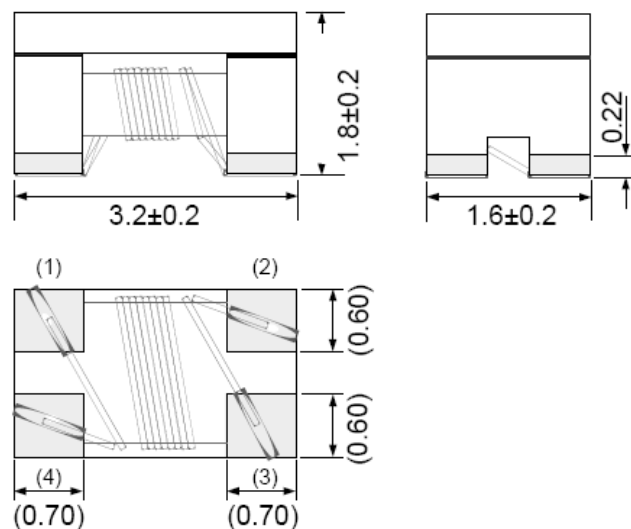
HPCW2012 Type

Unit: mm



HPCW3216 Type

Unit: mm



## Electrical Characteristics

HPCW2012 Series

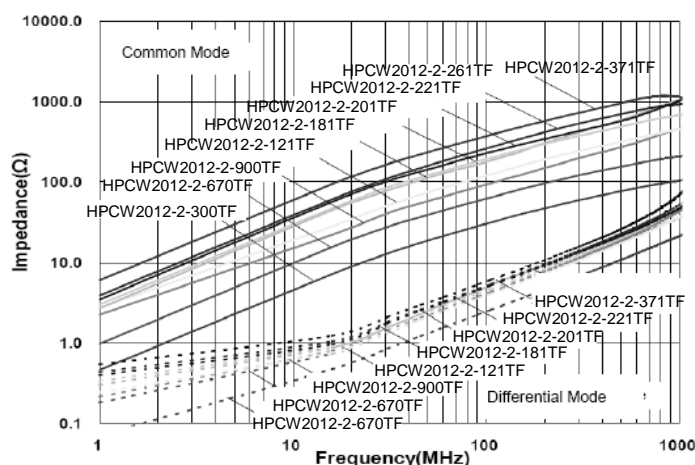
Part Number	Common Mode Impedance @ 100MHz	Max.DC Resistance	Max.Rated Current	Rated Voltage	Min. Insulation Resistance
Unit	OHM	OHM	mA	Volts	M OHM
Symbol	Z	DCR	I <sub>r</sub>	V <sub>DC</sub>	IR
HPCW2012-2-300TF	30	0.20	450	50	10
HPCW2012-2-670TF	67	0.25	400	50	10
HPCW2012-2-900TF	90	0.35	330	50	10
HPCW2012-2-121TF	120	0.30	370	50	10
HPCW2012-2-181TF	180	0.35	330	50	10
HPCW2012-2-201TF	200	0.40	300	50	10
HPCW2012-2-221TF	220	0.40	300	50	10
HPCW2012-2-261TF	260	0.40	300	50	10
HPCW2012-2-371TF	370	0.45	280	50	10

#### HPCW3216 Series

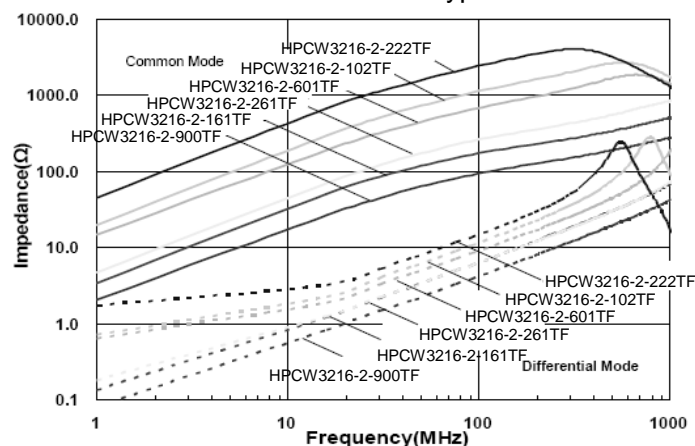
Part Number	Common Mode Impedance @ 100MHz	Max.DC Resistance	Max.Rated Current	Rated Voltage	Min. Insulation Resistance
Unit	OHM	OHM	mA	Volts	M OHM
Symbol	Z	DCR	I <sub>r</sub>	V <sub>DC</sub>	IR
HPCW3216-2-900TF	90	0.3	370	50	10
HPCW3216-2-161TF	160	0.4	340	50	10
HPCW3216-2-261TF	260	0.5	310	50	10
HPCW3216-2-601TF	600	0.8	260	50	10
HPCW3216-2-102TF	1000	1.0	230	50	10
HPCW3216-2-222TF	2200	1.2	200	50	10

### TAPICHPAL ELECTRICHPAL CHARACTERISTICS

HPCW2012 Type



HPCW3216 Type



### PACKAGING

Series	Quantity(pcs/reel)	Series	Quantity(pcs/reel)
HPCW2012	4000	HPCW3216	3000