WCK series

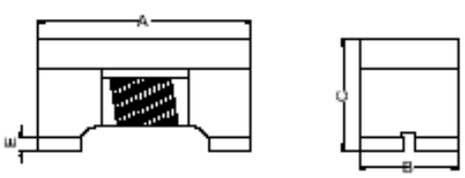
FEATURES

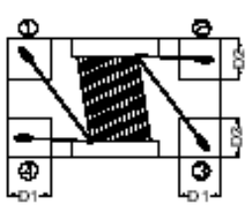
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. WCK series realize as small size and low profile.
3. The products contain no lead and also support lead-free soldering.

■ APPLICATIONS

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

DIMENSIONS





Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
1608	1.6±0.2	0.8±0.2	1.1±0.1	0.33(typ.)	0.3(typ.)
2012	2.0±0.2	1.2±0.2	1.2±0.2	0.45(typ.)	0.4(typ.)
3216	3.2±0.2	1.6±0.2	2.0±0.2	0.6(typ.)	0.6(typ.)
3225	3.2±0.2	2.5±0.2	2.7±0.2	0.6(typ.)	0.9(typ.)
4532	5.8±0.3	2.4±0.2	2.5±0.2	0.7(typ.)	0.9(typ.)

■ PARTNUMBER

A: Series	
B: Dimension	A x B
C: Material	Lead Free
D: Impedance	900=90Ω
E: Packaging	T=Taping and Reel
	B=Bulk(Bags)
F: Rated Current	04=400mA
G: Lead Free Code	
H: ID Code	

WCK	2012	F	900	T	04	F	V
A	B	C	D	E	F	G	H

WCK 1608

BW Part Number	Rated Current (mA)	Impedance (Ω)	DCR (Ω)max	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	Insulation Resistance (Ω) min
WCK1608F220T03	500	22±25% at 100MHz	0.080	50	125	10M
WCK1608F450T04	500	45±25% at 100MHz	0.110	50	125	10M
WCK1608F900T05	500	90±25% at 100MHz	0.145	50	125	10M
WCK1608F121T06	500	120±25% at 100MHz	0.175	50	125	10M
WCK1608F181T07	500	180±25% at 100MHz	0.210	50	125	10M
WCK1608F251T08	400	250±25% at 100MHz	0.280	50	125	10M

WCK 2012

BW Part Number	Rated Current (mA)	Impedance (Ω)	DCR (Ω)max	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	Insulation Resistance (Ω) min
WCK2012F670T04	400	67±25% at 100MHz	0.25	50	125	10M
WCK2012F900T04	330	90±25% at 100MHz	0.35	50	125	10M
WCK2012F121T04	370	120±25% at 100MHz	0.30	50	125	10M
WCK2012F161T03	350	160±25% at 100MHz	0.35	50	125	10M
WCK2012F181T03	330	180±25% at 100MHz	0.35	50	125	10M
WCK2012F201T03	300	200±25% at 100MHz	0.40	50	125	10M
WCK2012F221T03	300	220±25% at 100MHz	0.40	50	125	10M
WCK2012F261T03	300	260±25% at 100MHz	0.40	50	125	10M
WCK2012F361T03	280	360±25% at 100MHz	0.45	50	125	10M

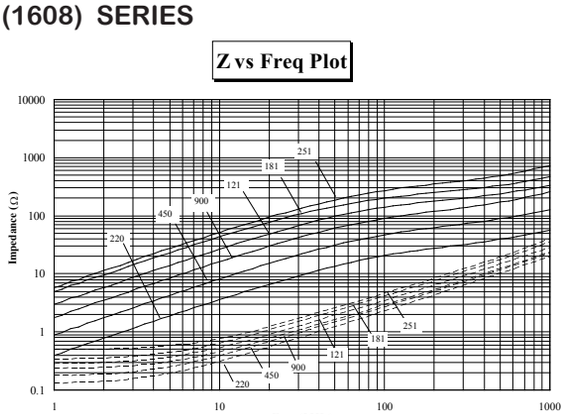
WCK 3216

BW Part Number	Rated Current (mA)	Impedance (Ω)	DCR (Ω)max	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	Insulation Resistance (Ω) min
WCK3216F900T04	400	90±25% at 100MHz	0.30	50	125	10M
WCK3216F121T03	350	120±25% at 100MHz	0.35	50	125	10M
WCK3216F161T03	350	160±25% at 100MHz	0.30	50	125	10M
WCK3216F221T03	300	220±25% at 100MHz	0.45	50	125	10M
WCK3216F261T03	300	260±25% at 100MHz	0.5	50	125	10M
WCK3216F361T03	300	360±25% at 100MHz	0.6	50	125	10M
WCK3216F451T03	300	450±25% at 100MHz	0.4	50	125	10M
WCK3216F601T03	260	600±25% at 100MHz	0.8	50	125	10M
WCK3216F102T02	230	1000±25% at 100MHz	1.0	50	125	10M
WCK3216F222T02	200	2200±25% at 100MHz	1.2	50	125	10M

WCK 3225,4532

BW Part Number	Rated Current (mA)	Impedance (Ω)	DCR (Ω)max	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	Insulation Resistance (Ω) min
WCK3225F800T04	400	80±25% at 100MHz	0.15	20	125	10M
WCK3225F161T03	350	160±25% at 100MHz	0.20	20	125	10M
WCK3225F271T03	300	270±25% at 100MHz	0.30	20	125	10M
WCK3225F102T02	200	1000±25% at 100MHz	0.50	20	125	10M
WCK4532F601T15	1500	600±25% at 100MHz	0.24	50	125	10M

(1608) SERIES



(2012) SERIES