

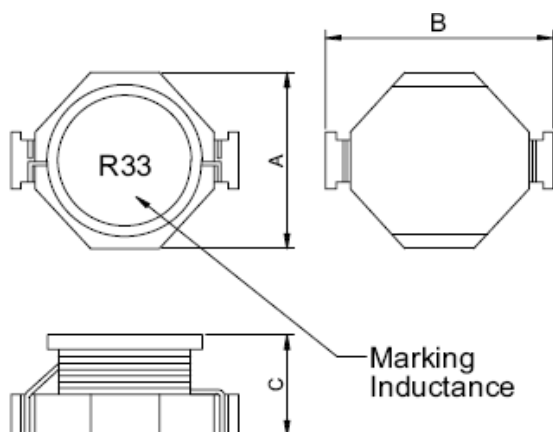
CHCPW series

FEATURES

1. Low cost, high performance inductor.
2. Supper low resistance with high current rating.
3. The products contain no lead and also support lead-free soldering.



DIMENSIONS



Size	A(mm)	B(mm)	C(mm)
3316	9.91	13.5	6.35
5022	16.26	22.35	8

APPLICATIONS

- Excellent for DC-DC Converter used in notebook computers,
- PDA, step down converters.

PARTNUMBER

CHCPW	5022	—	2R2	M	F	V
A	B		C	D	E	F

A: Series
 B: Dimension
 C: Inductance
 D: Inductance Tolerance K=±10%, M=±20%
 E: Lead Free Code
 F: ID Code



Power Inductor

SMD / Unshielded Type



CHCPW 3316

BW Part Number	Inductance (μH)	Test Frequency (Hz)	SRF (MHz) typ.	DCR (Ω) Max	I rms (A)	I sat (A)
CHCPW 3316-R33M	0.33± 20%	0.1V/100K	300	0.002	16.0	20.0
CHCPW 3316-R68M	0.68± 20%	0.1V/100K	200	0.005	12.0	13.0
CHCPW 3316-1R0M	1.0 ± 20%	0.1V/100K	100	0.006	10.0	11.0
CHCPW 3316-1R5M	1.5 ± 20%	0.1V/100K	90	0.008	9.0	9.0
CHCPW 3316-2R2M	2.2 ± 20%	0.1V/100K	90	0.011	7.4	7.8
CHCPW 3316-2R7M	2.7 ± 20%	0.1V/100K	65	0.012	6.6	7.0
CHCPW 3316-3R3M	3.3 ± 20%	0.1V/100K	65	0.014	5.9	6.4
CHCPW 3316-4R7M	4.7 ± 20%	0.1V/100K	45	0.018	4.8	5.4
CHCPW 3316-5R6M	5.6 ± 20%	0.1V/100K	40	0.022	4.6	5.0
CHCPW 3316-6R8M	6.8 ± 20%	0.1V/100K	36	0.027	4.4	4.6
CHCPW 3316-8R2M	8.2 ± 20%	0.1V/100K	28	0.032	4.0	4.0
CHCPW 3316-100M	10 ± 20%	0.1V/100K	25	0.038	3.9	3.8

CHCPW 5022

BW Part Number	Inductance (μH)	Test Frequency (Hz)	SRF (MHz) typ.	DCR (Ω) Max	I rms (A)	I sat (A)
CHCPW 5022-R78M	0.78± 20%	0.1V/100K	156	0.003	15	30
CHCPW 5022-1R5M	1.5 ± 20%	0.1V/100K	100	0.004	15	25
CHCPW 5022-2R2M	2.2 ± 20%	0.1V/100K	75	0.006	12	20
CHCPW 5022-3R3M	3.3 ± 20%	0.1V/100K	60	0.008	10	17
CHCPW 5022-3R9M	3.9 ± 20%	0.1V/100K	55	0.010	9.0	15
CHCPW 5022-4R7M	4.7 ± 20%	0.1V/100K	40	0.014	8.4	13
CHCPW 5022-6R0M	6.0 ± 20%	0.1V/100K	35	0.017	7.5	12
CHCPW 5022-7R8M	7.8 ± 20%	0.1V/100K	35	0.018	7.5	11
CHCPW 5022-100M	10 ± 20%	0.1V/100K	28	0.026	6.0	10
CHCPW 5022-150M	15 ± 20%	0.1V/100K	20	0.032	4.4	8