

TAIYO-CBCCOIL-V1

Taiyo Yuden High Current Wire Wound Chip Inductors

Case Size	PartNo.	Inductance	Maximum Rated Current (mA)	DC Resistance +/- 30% (Ω)	Sample Qty.
0805	CBC2012T1R0M	1.0 μ H +/-20%	700mA	0.19 Ω	5
0805	CBC2012T2R2M	2.2 μ H +/-20%	530mA	0.33 Ω	5
0805	CBC2012T4R7M	4.7 μ H +/-20%	360mA	0.50 Ω	5
0805	CBC2012T100M	10 μ H +/-20%	240mA	1.20 Ω	5
0805	CBC2012T220M	22 μ H +/-20%	170mA	3.70 Ω	5
0805	CBC2012T470M	47 μ H +/-20%	120mA	5.80 Ω	5
0806	CBC2016T1R0M	1.0 μ H +/-20%	1,100mA	0.10 Ω	5
0806	CBC2016T2R2M	2.2 μ H +/-20%	720mA	0.20 Ω	5
0806	CBC2016T4R7M	4.7 μ H +/-20%	530mA	0.37 Ω	5
0806	CBC2016T100M	10 μ H +/-20%	350mA	0.82 Ω	5
0806	CBC2016T220M	22 μ H +/-20%	240mA	1.80 Ω	5
0806	CBC2016T470M	47 μ H +/-20%	150mA	4.30 Ω	5
0806	CBC2016T101M	100 μ H +/-20%	110mA	8.00 Ω	5
1007	CBC2518T1R0M	1.0 μ H +/-20%	1,000mA	0.08 Ω	5
1007	CBC2518T2R2M	2.2 μ H +/-20%	890mA	0.13 Ω	5
1007	CBC2518T4R7M	4.7 μ H +/-20%	680mA	0.20 Ω	5
1007	CBC2518T100M	10 μ H +/-20%	480mA	0.36 Ω	5
1007	CBC2518T220M	22 μ H +/-20%	320mA	0.77 Ω	5
1007	CBC2518T470M	47 μ H +/-20%	240mA	1.90 Ω	5
1007	CBC2518T101M	100 μ H +/-20%	160mA	3.70 Ω	5
1007	CBC2518T221M	220 μ H +/-20%	110mA	8.40 Ω	5
1007	CBC2518T471M	470 μ H +/-20%	70mA	22.0 Ω	5
1210	CBC3225T1R0MR	1.0 μ H +/-20%	1,440mA	0.055 Ω	5
1210	CBC3225T2R2MR	2.2 μ H +/-20%	1,130mA	0.08 Ω	5
1210	CBC3225T4R7MR	4.7 μ H +/-20%	1,010mA	0.10 Ω	5
1210	CBC3225T100MR	10 μ H +/-20%	900mA	0.133 Ω	5
1210	CBC3225T220MR	22 μ H +/-20%	620mA	0.27 Ω	5
1210	CBC3225T470MR	47 μ H +/-20%	390mA	0.67 Ω	5
1210	CBC3225T101MR	100 μ H +/-20%	270mA	1.40 Ω	5

* All components in this kit are RoHS compliant. Specifications subject to change without notice. Components in this kit are for design trial and testing performance and are not intended for use in mass production.

Physical Dimensions				
	0805	0806	1007	1210
L	2 ± 0.2 (0.079 ± 0.008)	2 ± 0.2 (0.079 ± 0.008)	2.5 ± 0.2 (0.098 ± 0.008)	3.2 ± 0.2 (0.126 ± 0.008)
W	1.25 ± 0.2 (0.049 ± 0.008)	1.6 ± 0.2 (0.063 ± 0.008)	1.8 ± 0.2 (0.071 ± 0.008)	2.5 ± 0.2 (0.098 ± 0.008)
T	1.25 ± 0.2 (0.049 ± 0.008)	1.6 ± 0.2 (0.063 ± 0.008)	1.8 ± 0.2 (0.071 ± 0.008)	2.5 ± 0.2 (0.098 ± 0.008)
e	0.5 ± 0.2 (0.02 ± 0.008)	0.5 ± 0.2 (0.02 ± 0.008)	0.5 ± 0.2 (0.02 ± 0.008)	0.6 ± 0.3 (0.024 ± 0.012)

TAIYO YUDEN

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