



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



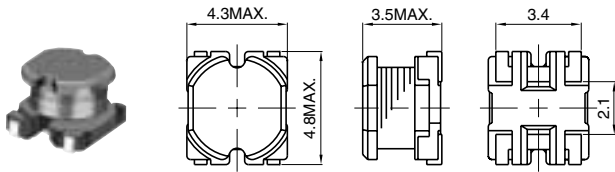
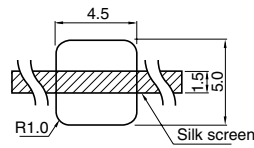
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**UNSHIELDED TYPE**
**CR43**
**Dimensions (mm)**

**LAND PATTERNS(mm)**

**CONNECTION CONSTRUCTION**


(BOTTOM VIEW)

(1.0μH – 68μH)

In order to prevent short-circuiting, a silk screen is recommended.

**◆ TYPE CR43**

Parts No.	Inductance	D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A)	Parts No.	Inductance	D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A)
1R0	1.0μH	48.7m / 2.56	390	39μH	0.587 / 0.52
1R4	1.4μH	56.2m / 2.52	470	47μH	0.844 / 0.44
1R8	1.8μH	63.7m / 1.95	560	56μH	0.937 / 0.42
2R2	2.2μH	71.2m / 1.75	680	68μH	1.117 / 0.37
2R7	2.7μH	78.7m / 1.58	820	82μH	
3R3	3.3μH	86.2m / 1.44	101	100μH	
3R9	3.9μH	93.7m / 1.33	121	120μH	
4R7	4.7μH	108.7m / 1.15	151	150μH	
5R6	5.6μH	125.7m / 0.99	181	180μH	
6R8	6.8μH	131.2m / 0.95	221	220μH	
8R2	8.2μH	146.2m / 0.84	271	270μH	
100	10μH	0.182 / 1.04	331	330μH	
120	12μH	0.210 / 0.97	391	390μH	
150	15μH	0.235 / 0.85	471	470μH	
180	18μH	0.338 / 0.74	561	560μH	
220	22μH	0.378 / 0.68	681	680μH	
270	27μH	0.522 / 0.62	821	820μH	
330	33μH	0.540 / 0.56			

Measuring Freq. (L)

CR32 1.0μH – 8.2μH (7.96MHz), 10μH – 68μH (2.52MHz)

Tolerance of Inductance

CR32 1.0μH – 27μH ± 20%(M), 33μH – 68μH ± 10%(K)

Rated D.C. Current

This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superimposition or D.C. current when at t=40°C, whichever is lower. (Ta=20°C)

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