

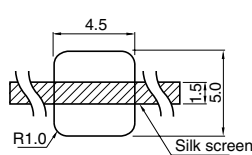
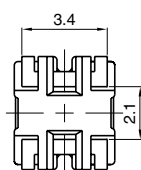
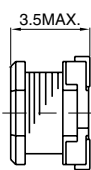
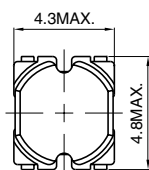
UNSHIELDED TYPE

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)

Sales Contact

North America
1701 Golf Road, Tower 3
Suite 400, Rolling
Meadows, IL 60008, USA
Tel: (1) 847 545-6700
Fax: (1) 847 545-6720

Japan
Nihonbashi- ingyocho
2-Chome, Chuo-ku,
Tokyo, Japan
Tel: (81) 03 3667-3301
Fax: (81) 03 3667-3456

Hong Kong
14/F, Eastern Centre,
1065 King's Road, Quarry
Road, Hong Kong
Tel: (852) 2880-6688
Fax: (852) 2880-9596

Taiwan
No. 171, Futech Street,
Hsin-I, Taipei, Taiwan,
ROC
Tel: (886) 2 2726-2177
Fax: (886) 2 2728-2726

Singapore
996 Bendemeer
Road #04-05 to 06
Singapore 339944
Tel: (65) 2963-388
Fax: (65) 2963-390

Europe
Chaussee de Tervuren113A,
1160 Brussels
Belgium
Email:
europe.sales@hk.sumida.com