

PRODUCT IDENTIFICATION



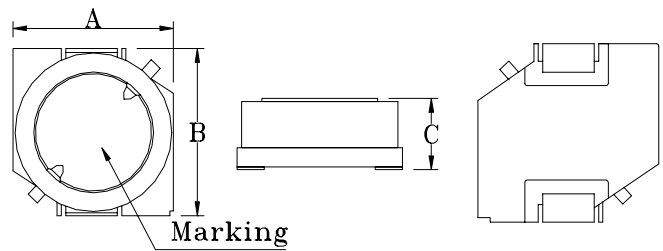
DER 0703- 1
 ↓ ↓ ↓
Type Size Inductance

FEATURES

Magnetic shielding
 Flat bottom surface ensures secure & reliable mounting
 Low DC resistance, low profile & high current rating capacities

APPLICATIONS

OA equipments & portable telephones
 PC cards & hard disk
 High density mounting configurations

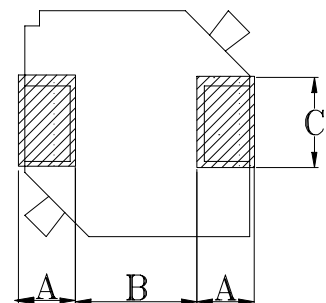


DIMENSIONS (mm)

No.	Part No.	Size (mm)		
		A	B	C
1	DER 0703	7.6 Max.	7.6 Max.	3.5 Max.
2	DER 0705	7.6 Max.	7.6 Max.	5.1 Max.
3	DER 1003	10.5 Max.	10.5 Max.	3.5 Max.
4	DER 1206	12.5 ± 0.3	12.5 ± 0.3	5.5 ± 0.35
5	DER 1207	12.5 ± 0.3	12.5 ± 0.3	6.5 ± 0.35

RECOMMENDED PATTERN(mm)

Type	A	B	C
DER 0703	2.0	4.4	3.0
DER 0705	2.0	4.4	3.0
DER 1003	2.0	6.0	3.0
DER 1206	2.5	8.6	3.2
DER 1207	2.5	8.6	3.2



PACKAGE

Type	DER 0703	DER 0705	DER 1003	DER 1206	DER 1207
Q'TY/Reel	1,000	1,000	1,000	500	500

FERROCORE

SMD Power Coil

Part Code	L (μH)	DER 0703		DER 0705		DER 1003		DER 1206		DER 1207	
		RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)
1	1.0	0.019	3.12	0.020	2.80						
1.5	1.5	0.023	2.85	0.024	2.59						
2	2.0									0.0140	6.20
2.2	2.2	0.028	2.66	0.028	2.38	0.016	5.00				
3.3	3.3	0.035	2.26	0.034	2.14						
4	4.0					0.023	3.20				
4.2	4.2									0.0180	5.50
4.7	4.7	0.043	1.96	0.039	1.96						
6	6.0							0.0197	4.90		
6.8	6.8	0.055	1.76	0.050	1.79						
7	7.0					0.042	2.30			0.0212	5.00
10	10	0.080	1.34	0.055	1.63	0.058	2.10	0.0258	4.30	0.0242	4.80
12	12	0.090	1.23	0.073	1.42						
15	15	0.120	1.09	0.081	1.33	0.080	1.60	0.0311	3.90	0.0284	4.40
18	18	0.130	0.99	0.102	1.15						
22	22	0.150	0.90	0.115	1.09	0.109	1.30	0.0406	3.40	0.0379	3.80
27	27	0.210	0.81	0.159	0.91						
33	33	0.250	0.72	0.182	0.84	0.177	1.10	0.0498	3.10	0.0487	3.40
39	39	0.310	0.67	0.199	0.80						
47	47	0.350	0.60	0.221	0.75	0.234	1.00	0.0742	2.50	0.0694	2.80
56	56	0.430	0.55	0.306	0.64						
68	68	0.520	0.50	0.345	0.60	0.324	0.90	0.1006	2.20	0.0944	2.40
82	82	0.600	0.46	0.390	0.57						
100	100	0.792	0.41	0.432	0.50	0.519	0.72	0.1404	1.80	0.1480	1.90
120	120			0.440	0.47						
150	150			0.730	0.40			0.2280	1.40		
180	180			0.780	0.39						
220	220			0.940	0.33	1.215	0.46	0.3240	1.20	0.3280	1.20
270	270			1.250	0.31						
330	330			1.400	0.27			0.4920	1.00		
470	470			1.700	0.25			0.6240	0.88		
560	560			2.390	0.22						
680	680							0.9120	0.73		
1000	1000							1.3440	0.60		
1500	1500							2.0760	0.48		

DCR & IDC listed are all Max. Value.

Tolerance : M = ± 20% , M tolerance is standard.

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