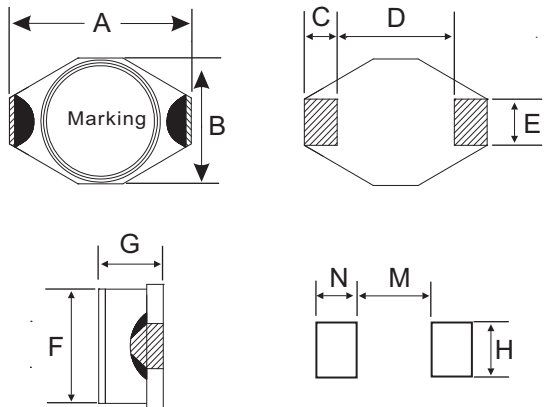


Shielded SMT Power Inductors



Recommended Land Pattern

Dimensions and Footprint (Unit:mm)

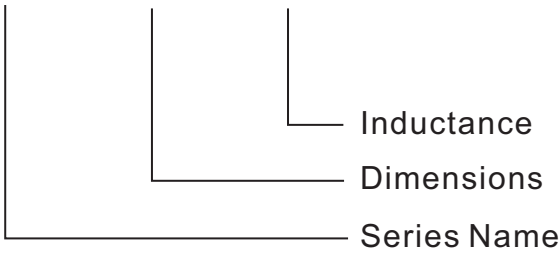
Type	A(Max)	B(Max)	C(Ref.)	D(Ref.)	E(Ref.)	F(Ref.)	G(Max)	N	M	H
CDOS1608	6.6	4.45	1.02	4.32	3.05	3.94	2.92	1.4	4.1	3.6
CDOS3316	12.95	9.4	2.54	7.62	2.54	8.3	5.21	2.92	7.37	2.79
CDOS5022	18.54	15.24	2.54	12.9	2.54	12.7	7.11	2.92	12.45	2.79

Description

- The surface mount inductors are designed for the smallest possible size and high performance. They are with high energy storage and very low resistance.
- Applications: Notebook computers, PDAs, Step-up and step-down converters. Flash memory programmers, etc.

Part Number Code

CDOS1608-1R0M



Electrical Specifications-CDOS1608

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDOS1608-1R0M	1.0±20%	0.04	3	100
CDOS1608-1R5M	1.5±20%	0.04	2.8	100
CDOS1608-2R2M	2.2±20%	0.05	2.5	100
CDOS1608-3R3M	3.3±20%	0.06	2.3	100
CDOS1608-4R7M	4.7±20%	0.07	1.9	100
CDOS1608-6R8M	6.8±20%	0.07	1.6	100
CDOS1608-8R2M	8.2±20%	0.09	1.60	100
CDOS1608-100M	10±20%	0.09	1.30	100
CDOS1608-150K	15±10%	0.11	1.00	100
CDOS1608-220K	22±10%	0.15	0.70	100
CDOS1608-330K	33±10%	0.19	0.60	100
CDOS1608-470K	47±10%	0.23	0.50	100
CDOS1608-680K	68±10%	0.29	0.40	100
CDOS1608-101K	100±10%	0.48	0.32	100
CDOS1608-151K	150±10%	0.59	0.25	100
CDOS1608-221K	220±10%	0.77	0.20	100
CDOS1608-331K	330±10%	1.40	0.18	100
CDOS1608-471K	470±10%	1.80	0.16	100
CDOS1608-681K	680±10%	2.20	0.14	100
CDOS1608-102K	1000±10%	3.40	0.10	100

- Special inquiries besides the above common used types can be meet on your requirement.

Electrical Specifications-CDOS3316

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDOS3316-1R0M	1.0 $\pm$ 20%	0.021	5.6	100
CDOS3316-1R5M	1.5 $\pm$ 20%	0.022	5.2	100
CDOS3316-2R2M	2.2 $\pm$ 20%	0.032	5.0	100
CDOS3316-3R3M	3.3 $\pm$ 20%	0.039	4.2	100
CDOS3316-4R7M	4.7 $\pm$ 20%	0.054	3.9	100
CDOS3316-6R8M	6.8 $\pm$ 20%	0.075	2.8	100
CDOS3316-100M	10 $\pm$ 20%	0.101	2.40	100
CDOS3316-150K	15 $\pm$ 10%	0.150	2.00	100
CDOS3316-220K	22 $\pm$ 10%	0.207	1.40	100
CDOS3316-330K	33 $\pm$ 10%	0.33	1.00	100
CDOS3316-470K	47 $\pm$ 10%	0.47	0.90	100
CDOS3316-680K	68 $\pm$ 10%	0.66	0.80	100
CDOS3316-101K	100 $\pm$ 10%	1.11	0.60	100
CDOS3316-151K	150 $\pm$ 10%	1.50	0.50	100
CDOS3316-221K	220 $\pm$ 10%	2.00	0.45	100
CDOS3316-331K	330 $\pm$ 10%	3.00	0.40	100
CDOS3316-471K	470 $\pm$ 10%	4.50	0.40	100
CDOS3316-681K	680 $\pm$ 10%	6.00	0.38	100
CDOS3316-102K	1000 $\pm$ 10%	6.60	0.35	100
CDOS3316-152K	1500 $\pm$ 10%	7.00	0.33	100
CDOS3316-332K	3300 $\pm$ 10%	8.20	0.30	100

- Special inquiries besides the above common used types can be meet on your requirement.

Electrical Specifications-CDOS5022

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDOS5022-1R0M	1.0 $\pm$ 20%	0.009	8.6	100
CDOS5022-2R2M	2.2 $\pm$ 20%	0.014	7.1	100
CDOS5022-3R3M	3.3 $\pm$ 20%	0.018	6.2	100
CDOS5022-5R6M	5.6 $\pm$ 20%	0.020	5.3	100
CDOS5022-8R2M	8.2 $\pm$ 20%	0.029	4.8	100
CDOS5022-100M	10 $\pm$ 20%	0.031	4.3	100
CDOS5022-150K	15 $\pm$ 10%	0.036	4.00	100
CDOS5022-220K	22 $\pm$ 10%	0.047	3.50	100
CDOS5022-330K	33 $\pm$ 10%	0.07	3.00	100
CDOS5022-470K	47 $\pm$ 10%	0.09	2.60	100
CDOS5022-680K	68 $\pm$ 10%	0.13	2.30	100
CDOS5022-101K	100 $\pm$ 10%	0.19	1.80	100
CDOS5022-151K	150 $\pm$ 10%	0.25	1.50	100
CDOS5022-221K	220 $\pm$ 10%	0.38	1.20	100
CDOS5022-331K	330 $\pm$ 10%	0.56	1.00	100
CDOS5022-471K	470 $\pm$ 10%	0.85	0.82	100
CDOS5022-681K	680 $\pm$ 10%	1.10	0.72	100
CDOS5022-102K	1000 $\pm$ 10%	1.80	0.56	100

- Special inquiries besides the above common used types can be meet on your requirement.