

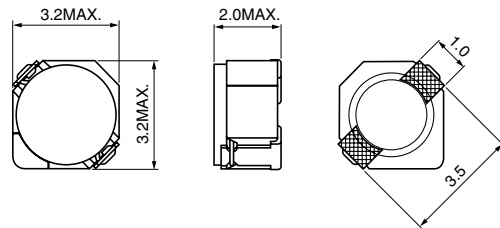
NEW

CDRH2D18LD

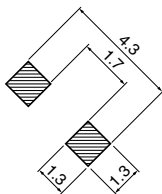
OUTLINE

It is a power inductor which corresponds to the power supply application for both laptop PC HDD and W-CDMA cellular phone. Thinner core diameter and thicker wire diameter enables low D.C.R.

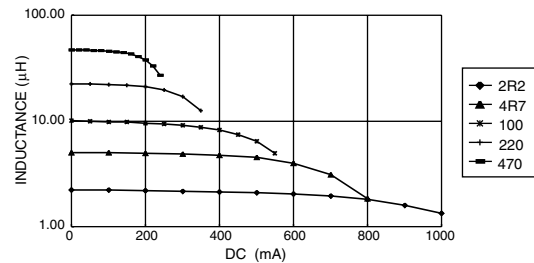
DIMENSIONS (mm)



LAND PATTERNS (mm)



SATURATION CURRENT



SPECIFICATIONS

Parts No.	Stamp	Inductance <WITHIN>*1 (at 100kHz)	D.C.R.(mΩ)<MAX.> (at 20°C)*2	DC Superimposition(A)*3		Temperature rise(A) *4
				(at 20°C)	(at 100°C)	
CDRH2D18/LD-2R2NC	C	2.2μH±30%	41(33)	0.85	0.67	2.30
CDRH2D18/LD-3R3NC	E	3.3μH±30%	54(43)	0.75	0.55	2.10
CDRH2D18/LD-4R7NC	G	4.7μH±30%	78(62)	0.63	0.47	1.65
CDRH2D18/LD-6R8NC	I	6.8μH±30%	106(85)	0.52	0.40	1.32
CDRH2D18/LD-100NC	K	10μH±30%	180(145)	0.43	0.33	1.00
CDRH2D18/LD-150NC	M	15μH±30%	220(175)	0.35	0.28	0.80
CDRH2D18/LD-220NC	O	22μH±30%	320(255)	0.30	0.22	0.68
CDRH2D18/LD-330NC	Q	33μH±30%	460(370)	0.24	0.18	0.56
CDRH2D18/LD-470NC	S	47μH±30%	660(530)	0.20	0.15	0.48

*1: Measurement frequency of inductance : at 100kHz

*2: () is typical value.

*3: DC superimposition : It indicates the D.C. current value when inductance value become more than 65% of the nominal one.

*4: The temperature rise : The value of D.C. current when temperature rise is Δt=40°C (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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Sumida:

[CDRH2D18/LD-6R8NC](#)