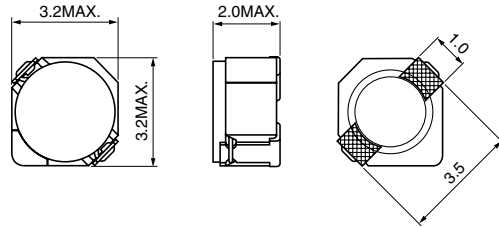
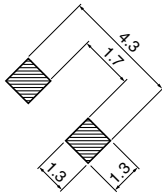
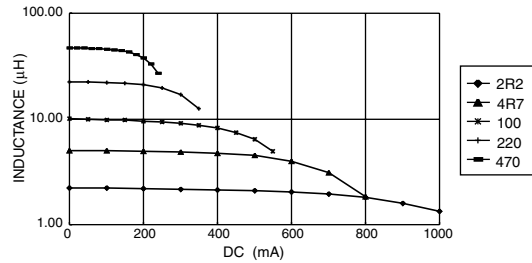


NEW

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).

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