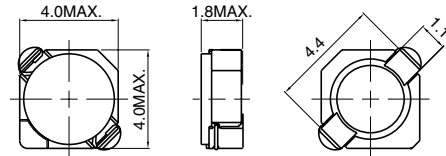
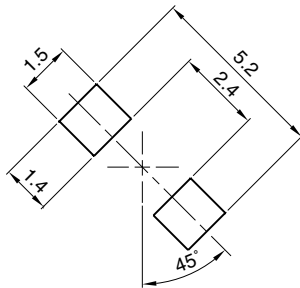
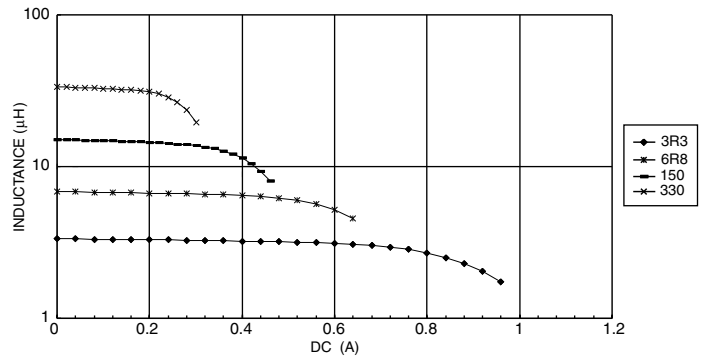


**NEW**

# CDRH3D16

**OUTLINE**

Thinner core diameter and thicker wire diameter enable CDRH3D16/LD to be a lower D.C.R feature than CDRH3D16. It is a product which corresponds to lower height (Max.1.8mm) and smaller foot print demand for portable CD players and PDAs.

**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
CDRH3D16/LD-3R3NC	A	3.3µH±30%	66(53)	0.80	2.00
CDRH3D16/LD-3R9NC	B	3.9µH±30%	81(65)	0.75	1.75
CDRH3D16/LD-4R7NC	C	4.7µH±30%	91(73)	0.68	1.72
CDRH3D16/LD-5R6NC	D	5.6µH±30%	102(82)	0.62	1.64
CDRH3D16/LD-6R8NC	E	6.8µH±30%	130(104)	0.58	1.30
CDRH3D16/LD-8R2NC	F	8.2µH±30%	140(112)	0.51	1.28
CDRH3D16/LD-100NC	G	10µH±30%	190(152)	0.46	1.07
CDRH3D16/LD-120NC	H	12µH±30%	205(164)	0.42	0.98
CDRH3D16/LD-150NC	J	15µH±30%	272(218)	0.38	0.87
CDRH3D16/LD-180NC	K	18µH±30%	327(262)	0.34	0.76
CDRH3D16/LD-220NC	L	22µH±30%	356(285)	0.31	0.66
CDRH3D16/LD-270NC	M	27µH±30%	470(377)	0.28	0.60
CDRH3D16/LD-330NC	N	33µH±30%	560(446)	0.26	0.55
CDRH3D16/LD-390NC	P	39µH±30%	700(558)	0.24	0.47
CDRH3D16/LD-470NC	Q	47µH±30%	775(620)	0.21	0.45

\*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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