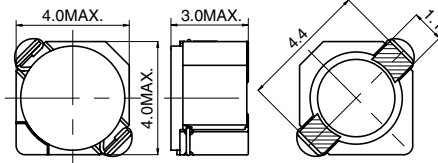
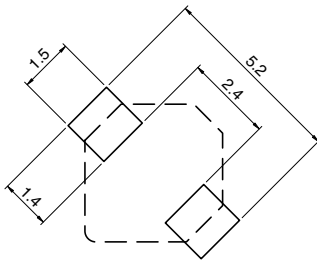
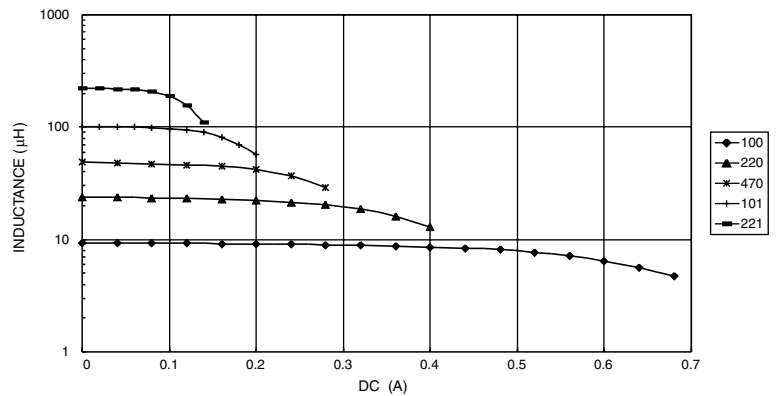


**NEW**

# CDRH3D28LD

**OUTLINE**

It is a product corresponds to the higher power demand with H: Max.3.0mm and smaller foot print.  
Application is the chopper circuit of DC-DC converters 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
				(at 20°C)	(at 105°C)	
CDRH3D28/LD-100NC	A	10µH±30%	92(73)	0.500	0.430	1.52
CDRH3D28/LD-120NC	B	12µH±30%	100(80)	0.450	0.380	1.48
CDRH3D28/LD-150NC	C	15µH±30%	113(90)	0.400	0.330	1.44
CDRH3D28/LD-180NC	D	18µH±30%	125(100)	0.350	0.300	1.37
CDRH3D28/LD-220NC	E	22µH±30%	146(117)	0.330	0.280	1.28
CDRH3D28/LD-270NC	F	27µH±30%	176(141)	0.290	0.260	1.18
CDRH3D28/LD-330NC	G	33µH±30%	214(171)	0.280	0.230	1.15
CDRH3D28/LD-390NC	H	39µH±30%	225(180)	0.250	0.210	1.00
CDRH3D28/LD-470NC	J	47µH±30%	304(243)	0.230	0.190	0.81
CDRH3D28/LD-560NC	K	56µH±30%	324(259)	0.200	0.170	0.76
CDRH3D28/LD-680NC	L	68µH±30%	472(377)	0.185	0.156	0.60
CDRH3D28/LD-820NC	M	82µH±30%	539(431)	0.172	0.142	0.58
CDRH3D28/LD-101NC	N	100µH±30%	608(486)	0.160	0.128	0.52
CDRH3D28/LD-121NC	P	120µH±30%	757(605)	0.136	0.116	0.50
CDRH3D28/LD-151NC	Q	150µH±30%	882(705)	0.124	0.106	0.48
CDRH3D28/LD-181NC	R	180µH±30%	1130(904)	0.119	0.095	0.42
CDRH3D28/LD-221NC	S	220µH±30%	1269(1015)	0.116	0.087	0.36

\*1: Measurement frequency of inductance : at 100kHz. 1V

\*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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