

Leadless Power Inductors H·DI-0520 Series

[RoHS Compliant]

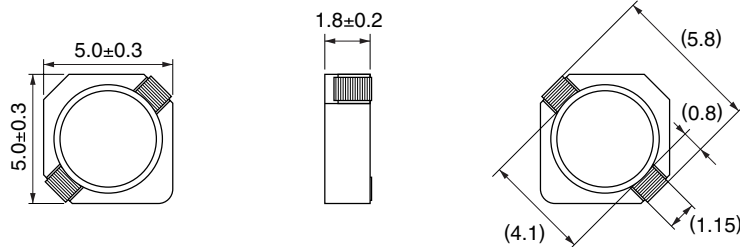


●H·DI-0520 Series

Model	Inductance at 100kHz, 1mA (μ H)	DC resistance (Ω) max.	Rated current (A)
H·DI-0520-1R2	1.2 $\pm$ 30%	0.035	3.40
H·DI-0520-2R2	2.2 $\pm$ 30%	0.048	2.60
H·DI-0520-3R3	3.3 $\pm$ 30%	0.062	2.00
H·DI-0520-4R7	4.7 $\pm$ 30%	0.09	1.80
H·DI-0520-6R8	6.8 $\pm$ 30%	0.14	1.40
H·DI-0520-100	10 $\pm$ 20%	0.16	0.90
H·DI-0520-150	15 $\pm$ 20%	0.26	0.70
H·DI-0520-220	22 $\pm$ 20%	0.32	0.60
H·DI-0520-330	33 $\pm$ 20%	0.54	0.40
H·DI-0520-470	47 $\pm$ 20%	0.64	0.40
H·DI-0520-680	68 $\pm$ 20%	1.07	0.30
H·DI-0520-101	100 $\pm$ 20%	1.87	0.20

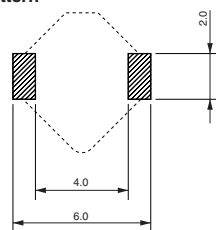
●Operating temperature range: -20 to +105°C (Including self-temperature rise)

Shape and Dimensions



[mm]

Recommended Land Pattern



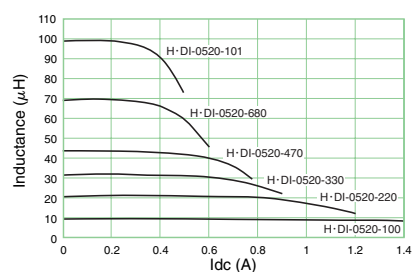
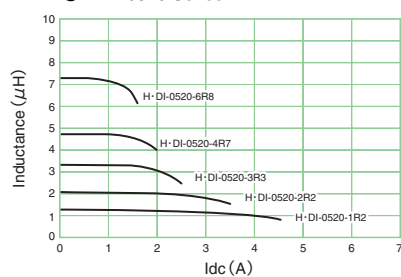
[mm]



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

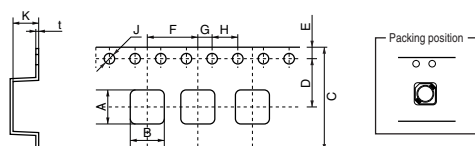
DC-Superposed Characteristics

● H•DI-0520 Series



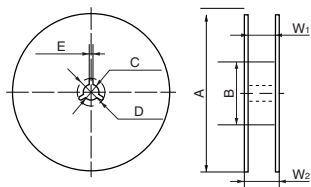
H•DI-0520 Series (2000pcs./reel)

Dimensions of indented square hole plastic tape



[mm]										
A	B	C	D	E	F	G	H	J	K	t
± 0.1	± 0.1	± 0.3	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1	+0.1, -0	± 0.1	± 0.05
5.4	5.4	12.0	5.5	1.75	8.0	2.0	4.0	ø1.5	2.2	0.4

Reel dimensions



[mm]						
A	B	C	D	E	W ₁	W ₂
		± 0.5	± 1.0	± 0.5	+2.0, -0	± 2.0
ø330	ø80	ø13.0	ø21.0	2.0	12.5	16.5



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