

# Leadless Power Inductors H·DI-1040 Series

[RoHS Compliant]

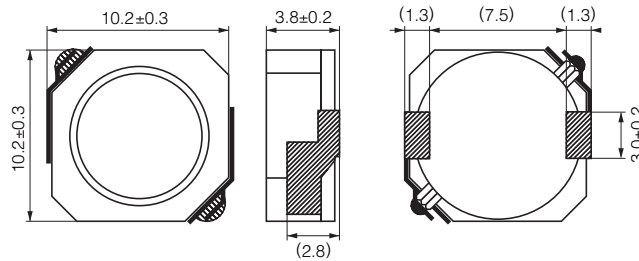


● H·DI-1040 Series

Model	Inductance at 100kHz, 1mA ( $\mu$ H)	DC resistance (m $\Omega$ ) max.	Rated current (A)
H·DI-1040-1R5	1.5 $\pm$ 30%	12	7.3
H·DI-1040-2R0	2.0 $\pm$ 30%	16	6.4
H·DI-1040-3R0	3.0 $\pm$ 30%	17	5.8
H·DI-1040-4R2	4.2 $\pm$ 30%	21	5.4
H·DI-1040-5R6	5.6 $\pm$ 30%	25	5.0
H·DI-1040-7R6	7.6 $\pm$ 30%	27	4.7
H·DI-1040-100	10 $\pm$ 30%	35	3.9
H·DI-1040-150	15 $\pm$ 20%	52	3.4
H·DI-1040-220	22 $\pm$ 20%	63	2.9
H·DI-1040-330	33 $\pm$ 20%	100	2.4
H·DI-1040-470	47 $\pm$ 20%	140	1.9
H·DI-1040-680	68 $\pm$ 20%	220	1.6
H·DI-1040-101	100 $\pm$ 20%	300	1.3

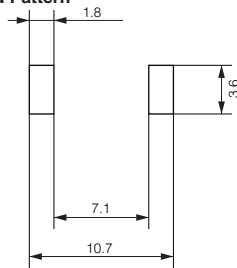
● Operating temperature range: -20 to +105°C (Including self-temperature rise)

Shape and Dimensions



[mm]

Recommended Land Pattern

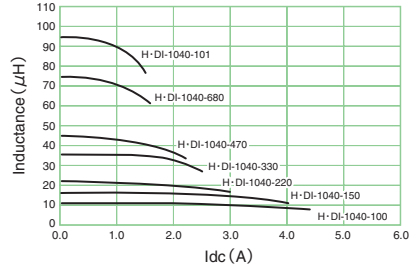
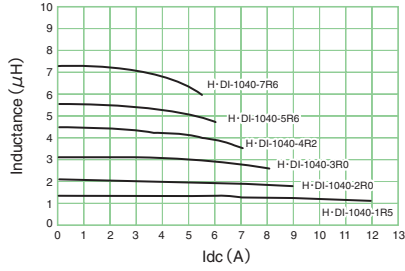


[mm]



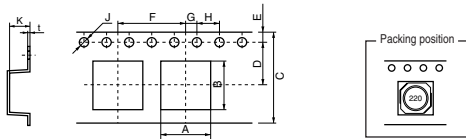
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- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

DC-Superposed Characteristics



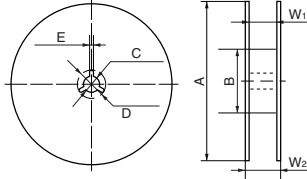
H•DI-1040 Series (1000pcs./reel)

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
10.6	10.6	24.0	11.5	1.75	16.0	2.0	4.0	ø1.5	4.2	0.4

Reel dimensions



[mm]						
A	B	C	D	E	W <sub>1</sub>	W <sub>2</sub>
		±0.5	±1.0	±0.5	+2.0, -0	±2.0
ø380	ø80	ø13.0	ø21.0	2.0	24.4	28.4



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