

# Leadless Power Inductors H·DI-0940 Series

[RoHS Compliant]

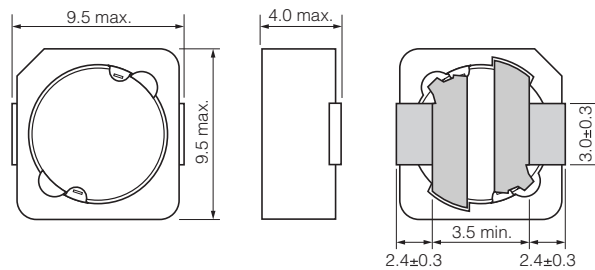


● H·DI-0940 Series

Model	Inductance at 10kHz, 1mA ( $\mu$ H)	DC resistance ( $\Omega$ ) max.	Rated current (A)
H·DI-0940-6R8	6.8 $\pm$ 25%	0.045	3.40
H·DI-0940-100	10 $\pm$ 25%	0.053	2.80
H·DI-0940-150	15 $\pm$ 25%	0.08	2.30
H·DI-0940-220	22 $\pm$ 25%	0.12	1.90
H·DI-0940-330	33 $\pm$ 25%	0.17	1.50
H·DI-0940-470	47 $\pm$ 20%	0.23	1.30
H·DI-0940-680	68 $\pm$ 20%	0.30	1.10
H·DI-0940-101	100 $\pm$ 20%	0.43	0.88
H·DI-0940-151	150 $\pm$ 20%	0.70	0.72
H·DI-0940-221	220 $\pm$ 20%	1.0	0.59
H·DI-0940-331	330 $\pm$ 20%	1.5	0.48
H·DI-0940-471	470 $\pm$ 20%	2.3	0.41
H·DI-0940-681	680 $\pm$ 20%	3.7	0.34
H·DI-0940-102	1000 $\pm$ 20%	4.6	0.28

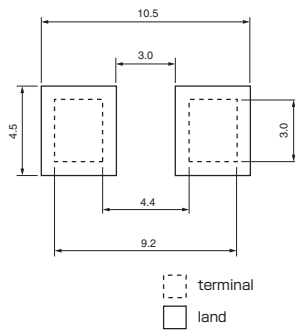
● Operating temperature range: -20 to +105°C (Including self-temperature rise)

Shape and Dimensions



[mm]

Recommended Land Pattern

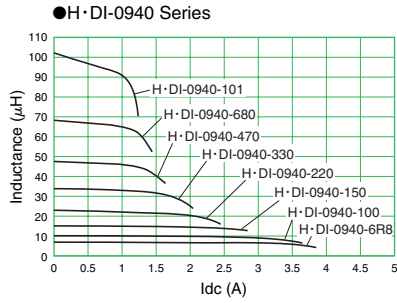


[mm]



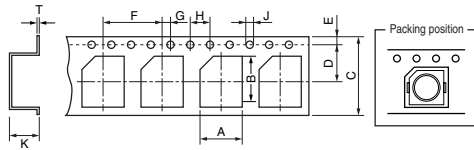
- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product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

DC-Superposed Characteristics



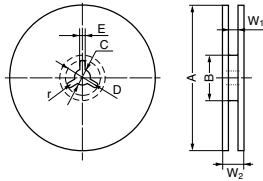
H·DI-0940 Series (1000pcs./reel)

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	± 0.05	± 0.1	+0.1, -0	± 0.1	± 0.05
9.7	9.7	16	7.5	1.75	12	2.0	4.0	∅1.5	4.5	0.4

Reel dimensions



[mm]							
A	B	C	D	E	r	W <sub>1</sub>	W <sub>2</sub>
±2.0	±5.0	±0.5	±1.0	±0.5		+2.0, -0	±1.0
330	80	13	21	2.0	R1.0	16.5	19.5



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