



DP8040NH-100M-B

Features

- ▶ SMD Inductor.
- ▶ Resin shielded construction.
- ▶ Compatible with RoHs, Halogen Free and Lead Free.
- ▶ Available tape and reel for auto insertion.

Applications

- ▶ For small DC/DC converter (LCD/LED/OLED DISPLAY, HDD, DSC etc)
- ▶ For power supply circuits

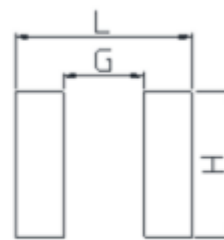


Dimension (Unit:mm)



A	B	H
8.0±0.2	8.0±0.2	4.0Max

Land Pattern (Unit:mm)



L	G	H
8.20	3.80	7.50

Specifications

Part Number	Inductance (uH)	Tolerance	DCR(mohm) ±20%	IDC1(A) Max	IDC2(A) Max	Test Frequency (Hz)
DP8040NH-100M-B	10	±20%	29	3.60	3.50	100k

- IDC1: When based on the inductance change rate (approximately 30% below in the initial value)
- IDC2: When based on the temperature increase (Temperature increase of approximately 40°C by self heating)

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