



## ■ SURFACE MOUNT INDUCTORS (cont.)

### SURFACE MOUNT HIGH CURRENT INDUCTORS

Small, low profile inductors for high current applications where a surface mount component is required. Ideal for power supply circuits and DC/DC converters. Also offered in a shielded version (NP06 type).

Part Number	Inductance (μH)	Self-resonant Frequency (MHz) min	DC Resistance (Ω) max	Rated Current (A) max
N06DB	1.0-1000	2.1-87	0.021-8.2	0.16-3.9
NP06DB	1.0-1000	2.0-90	0.018-7.1	0.12-4.0
N08DPA	1.0-1000	1.8-86	0.028-3.1	0.34-3.9
N08DPB	1.0-1000	2.1-98	0.023-4.4	0.27-4.0



N08DPA/DPB

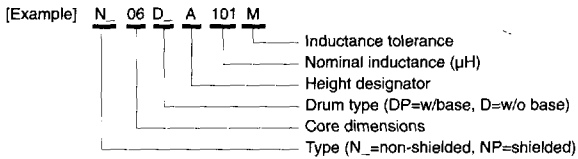


NP06DB



N06DB

#### Part Numbering System



Type	Non-Shielded type N06D		Shielded type NP06D		Non-Shielded type N08DP	
	W	b	W	b	W	b
Height code	B		B		A	B
L	0.287±0.012 (7.3±0.3)		0.276±0.012 (7.0±0.3)		0.354±0.008 (9.0±0.2)	
W	0.295±0.012 (7.5±0.3)		0.295±0.012 (7.5±0.3)		0.417±0.008 (10.6±0.2)	
H (Max)	0.126 (3.2)		0.126 (3.2)		0.236 (6.0)	0.197 (5.0)
a	0.079±0.012 (2.0±0.3)		0.079±0.012 (2.0±0.3)		0.063±0.008 (1.6±0.2)	
b	0.224±0.012 (5.7±0.3)		0.224±0.012 (5.7±0.3)		0.201±0.008 (5.1±0.2)	

Unit : inch (mm)