



■ 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

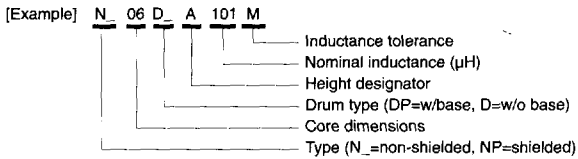


NP06DB



N06DB

Part Numbering System



| Type | Non-Shielded type N06D | | Shielded type NP06D | | Non-Shielded type N08DP | |
|-------------|---------------------------|--|--------------------------|--|----------------------------|----------------|
| | | | | | | |
| | | | | | | |
| 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)