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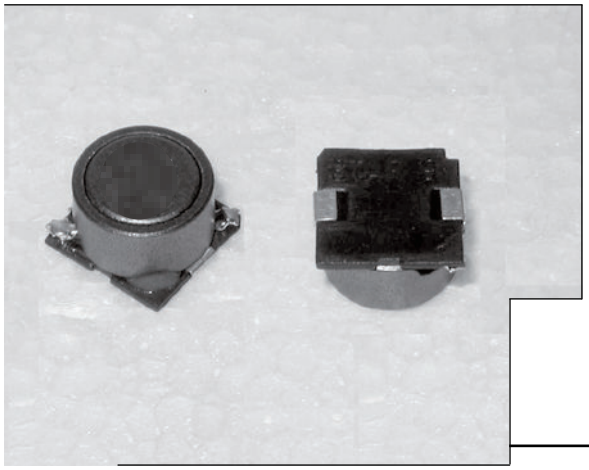
HLF127 TYPE

SPECIALIZE IN HIGH CURRENT & HIGH INDUCTANCE FOR SMD INDUCTORS



CHARACTERISTICS

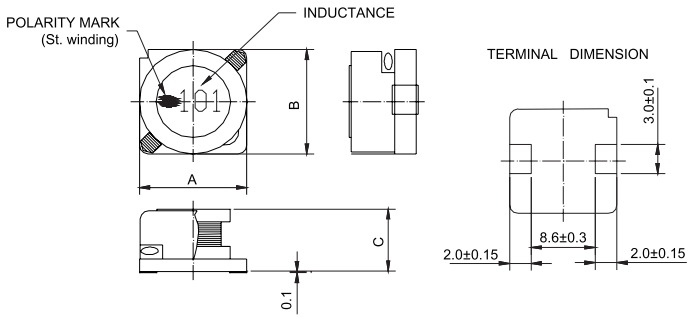
TEMPERATURE RISE .....20°C
AMBIENT TEMPERATURE ..... 80°C
TEMPERATURE RANGE ..... -25°C to +80°C
TERMINAL STRENGTH ..... 0.15 KGf MIN.
INDUCTANCE RANGE ..... 0.12μH~220μH
OUTSIDE DIM 12.5mm
TESTING FREQUENCY 1KHz/0.25V

ELECTRICAL SPECIFICATION

ITEM HLF127	L (μH)	DCR MAX.(mΩ)	IDC1* MAX.(A)	IDC2* MAX.(A)
1R0N	1.0±30%	9.8	10	8.2
2R7N	2.7±30%	11.3	10	7.0
3R9N	3.9±30%	12.5	9.0	6.7
4R7N	4.7±30%	13.2	8.4	6.5
5R6M	5.6±20%	13.9	7.8	6.3
6R8M	6.8±20%	15.7	7.2	5.9
100M	10±20%	18.7	5.5	5.4
120M	12±20%	20.4	5.1	5.2
150M	15±20%	22.1	4.7	5.0
220M	22±20%	31.6	4.0	4.0
330M	33±20%	47.4	3.2	3.4
470M	47±20%	60.0	2.7	3.0
680M	68±20%	91.6	2.0	2.4
101M	100±20%	144	1.9	1.9
151M	150±20%	210	1.5	1.6
221M	220±20%	285	1.3	1.3

* IDC 1: BASE ON INDUCTANCE CHANGE
(1△L/L01 ≤ 15%) △ μL = L(IDC)-LOA
* IDC 2: BASED ON TEMP. (△T: 15°C)

CONSTRUCTION (m/m)



A: 12.5±0.3
C: 7.5±0.35

B: 12.5±0.3

COIL CODE

HLF127 100M

- TOLERANCE : ±20%
- INDUCTANCE : 10μH
- C DIM.
- A DIM.
- HLF TYPE

SMD

can design any part to your requirements with different inductance.

* All parameters as this content presented are subject to final specifications both sides confirmed.