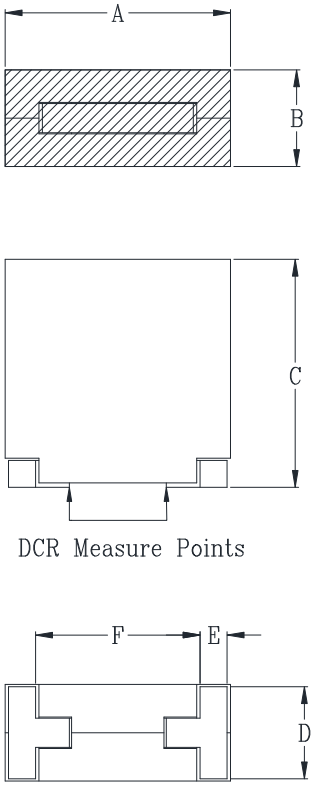
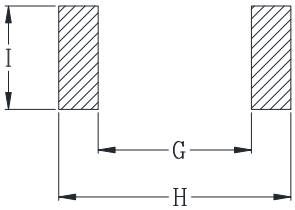
## DELTA P/N : HCME104610F Series

### Mechanical Dimensions




Suggested PWB Layout

UNIT : mm

A = 10.2 MAX
B = 4.6 MAX
C = 10.0 MAX
D = 4.1
E = 1.25
F = 7.3
G = 6.8
H = 10.9
I = 4.7

### Electrical Characteristics @ 25℃, 100kHz, 1V

| Delta P/N | L (nH) ± 15% | Li (nH) MIN | DCR (mΩ) ± 10% | Isat [1] (A) | | | Ir [2] (A) |
|---|---|---|---|---|---|---|---|
| | | | | 25℃ | 100℃ | | |
| HCME104610F-700 | 70 | 50 | 0.23 | 141 | 120 | 113 | 70 |
| HCME104610F-900 | 90 | 65 | | 109 | 93 | 87 | |
| HCME104610F-101 | 100 | 72 | | 98 | 83 | 78 | |
| HCME104610F-121 | 120 | 86 | | 82 | 70 | 66 | |
| HCME104610F-151 | 150 | 108 | | 65 | 55 | 52 | |

1. Isat is the DC current which causes the inductance drop to Li.
2. Ir is the DC current which causes the surface temperature of the part increase approximately 40 ℃.
3. Operating temperature: -40℃ to 125℃ (Self-temperature rise included).

# Mouser Electronics

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