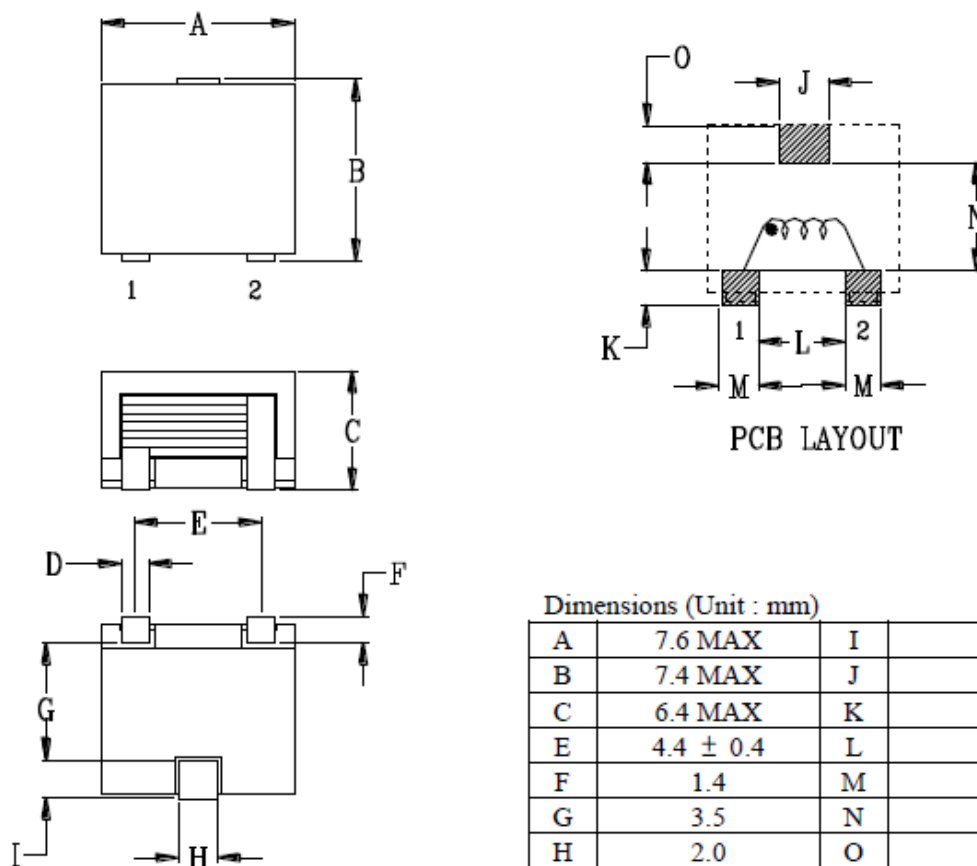




DELTA P/N : HMS0864B Series

Mechanical dimensions



Dimensions (Unit : mm)

A	7.6 MAX	I	1.8
B	7.4 MAX	J	3.5
C	6.4 MAX	K	2.5
E	4.4 ± 0.4	L	2.6
F	1.4	M	2.5
G	3.5	N	2.0
H	2.0	O	3.0

Electrical Characteristics: @25°C, 100kHz, 1V

Delta P/N	L ¹ (uH)	DCR (mΩ) ±8%	Isat ² (A)	Ir ³ (A)	D (mm)
HMS0864B-R82	0.82	2.3	21.0	19.0	1.2
HMS0864B-1R0	1.0	2.3	18.5	19.0	1.2
HMS0864B-1R5	1.5	<2.8	12.0	19.0	1.2
HMS0864B-2R2	2.2	7.6	12.0	9.5	0.9
HMS0864B-4R7	4.7	17.0	9.3	6.7	0.8
HMS0864B-6R8	6.8	20.0	7.8	5.8	0.8

1. Tolerance of inductance : ± 20%
2. Isat is the DC current which causes the inductance drop 20% typical of its nominal inductance without current.
3. Ir is the DC current which causes the surface temperature of the part increase approximately 40 °C.
4. Operating temperature: -40°C to 125°C (Self-temperature rise included).