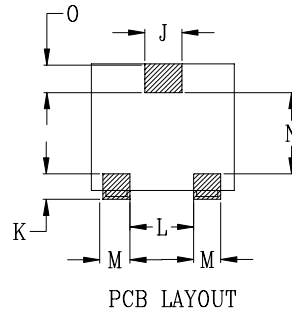
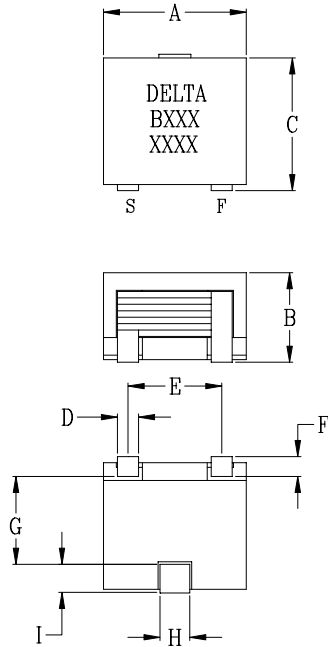




## DELTA P/N : HMS0864B Series

### Mechanical dimensions



Dimensions (Unit : mm)

A	7.6 MAX	J	3.5
B	7.4 MAX	K	2.5
C	6.4 MAX	L	2.6
D	Refer to below chart.	M	2.5
E	4.4	N	2.0
F	1.4	O	3.0
G	3.5		
H	2.0		
I	1.8		

### Electrical Characteristics

Delta P/N	$L^1$ ( $\mu\text{H}$ )	$I_{\text{sat}}^2$ (A)	$I_r^3$ (A)	DCR ( $\text{m}\Omega$ ) MAX	D (mm)
HMS0864B-R46	0.46	28.0	24.0	1.5	1.2
HMS0864B-R82	0.82	21.0	19.0	2.3	1.2
HMS0864B-1R0	1.0	17.5	19.0	2.3	1.2
HMS0864B-2R2	2.2	12.0	9.5	7.6	0.9
HMS0864B-3R3	3.3	10.5	7.1	13.5	0.8
HMS0864B-4R7	4.7	9.3	6.7	17.0	0.8
HMS0864B-9R2	9.2	6.7	4.9	30.0	0.6
HMS0864B-100	10.5	6.3	4.7	31.5	0.6

1. Tolerance of inductance :  $\pm 20\%$
2.  $I_{\text{sat}}$  is the DC current which cause the inductance drop approximately 20% of its nominal inductance without current
3.  $I_r$  is the DC current which cause the surface temperature of the part increase approximately 40 .
4. Operating temperature: -40 to 125 (Self-temperature rise included).