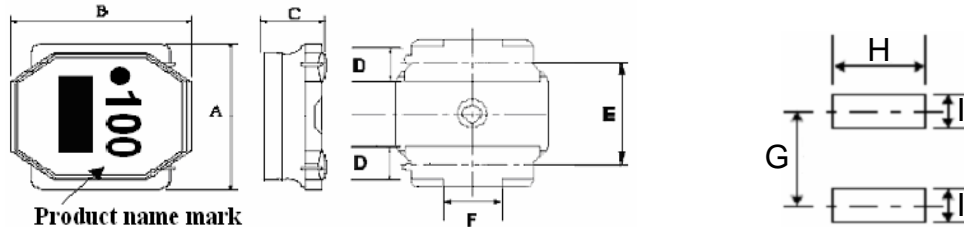


1. Features

1. This specification applies Low Profile Power Inductors.
2. 100% Lead(Pb) & Halogen-Free and RoHS compliant.



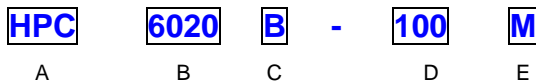
2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)
HPC6020B	6.0±0.2	6.0±0.2	2.0 max.	1.35±0.2	4.0±0.2	2.3 typ.	4.7 ref.	5.7 ref.	1.6 ref.

Units: mm

3. Part Numbering



- A: Series
 B: Dimension
 C: Control S/N
 D: Inductance 100=10.0uH
 E: Inductance Tolerance M=±20% ; Y=±30%

4. Specification

TAI-TECH Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	SRF (MHz) min.	DCR (Ω) ±20%	I sat (A)	I rms (A)
HPC6020B-R80Y	0.8	±30%	1V100K	110	0.020	6.40	4.10
HPC6020B-1R5Y	1.5	±30%	1V100K	93	0.026	4.30	3.60
HPC6020B-2R2Y	2.2	±30%	1V100K	73	0.034	3.20	2.90
HPC6020B-3R3Y	3.3	±30%	1V100K	55	0.040	2.80	2.75
HPC6020B-4R7Y	4.7	±30%	1V100K	43	0.058	2.40	2.15
HPC6020B-6R8Y	6.8	±30%	1V100K	30	0.085	2.00	1.80
HPC6020B-100M	10	±20%	1V100K	18	0.125	1.90	1.50
HPC6020B-220M	22	±20%	1V100K	11	0.290	1.25	0.95

Note:

Isat : Based on inductance change ($\Delta L/L0 : \leq -30\%$) @ ambient temp. 25°C

Irms : Based on temperature rise ($\Delta T : 40^\circ\text{C}$ typ.)