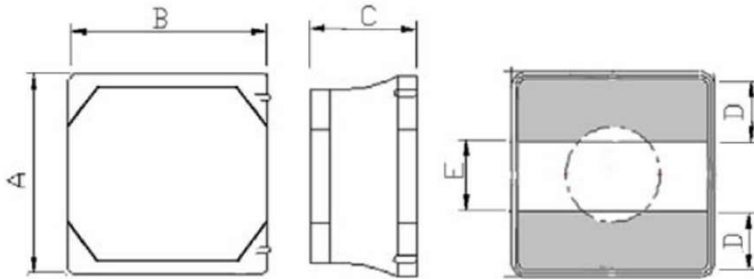


1. Features

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)
HPC4010TF	4.0±0.2	4.0±0.2	1.0max	1.1 ref.	2.5 ref.

Units: mm

3. Part Numbering

HPC
4010
TF
-
100
M

A
B
C
D
E

A: Series

B: Dimension

C: Lead Free

D: Inductance 100=10uH

E: Inductance Tolerance M=±20% ; Y=±30%

4. Specification

PARTS No	Inductance (μ H) $\pm 20\%$	Isat (Typ) A	Irms (Typ) A	DCR (Typ) m Ω
HPC4010TF-1R0Y	1.0 \pm 30%	2.4	2.3	56
HPC4010TF-2R2M	2.2	1.5	1.8	85
HPC4010TF-3R3M	3.3	1.3	1.7	100
HPC4010TF-4R7M	4.7	1.2	1.5	140
HPC4010TF-6R8M	6.8	1.0	1.2	200
HPC4010TF-100M	10	0.8	0.9	300
HPC4010TF-150M	15	0.7	0.8	430
HPC4010TF-220M	22	0.6	0.8	570

Note:

Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.

Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C