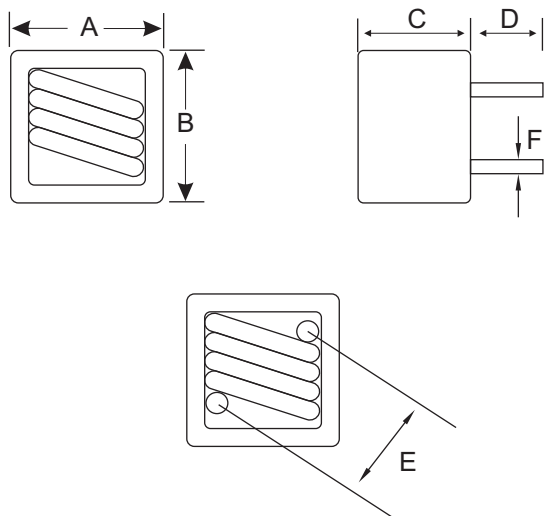
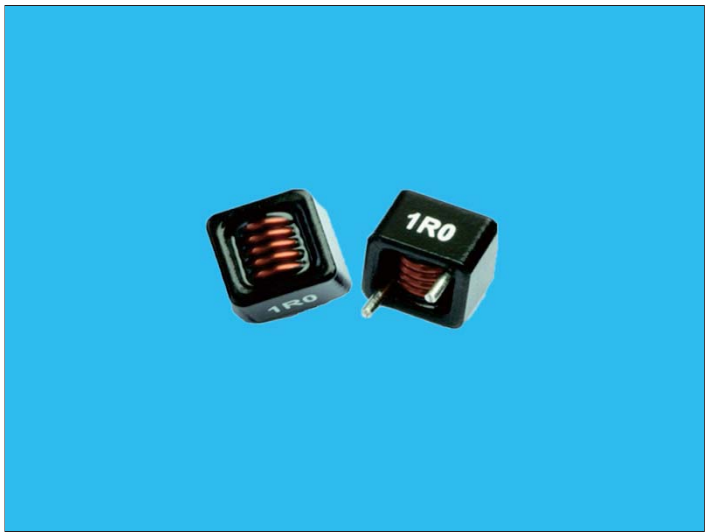


High Current Cube Inductors



Dimensions and Footprint (Unit:mm)

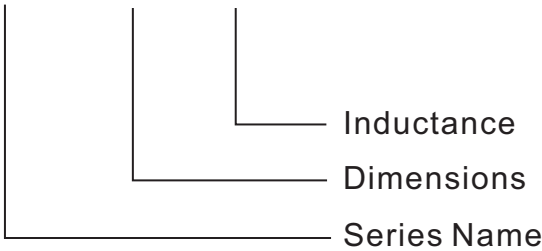
TYPE	A(Max.)	B(Max.)	C	D(Max.)	E	F
THCI209	12	12	3.5±0.5	9	8.5±0.5	1.5±0.1
THCI310	12.5	13.5	3.5±0.5	11	9.5±0.5	1.3±0.1

Description

- Various high power inductors are superior to be high saturation for surface mounting.
- Power supply for VTR, OA equipment, Digital camera, LCD television set, notebook PC, portable communication equipments, DC/DC converters, etc.

Part Number Code

THCI209-R25L



Electrical Specifications-THCI209

Part Number	Inductance(uH) (±15%)	DCR (mΩ)	Isat(A)
THCI209-R25L	0.25	0.8±8%	50 Typ.
THCI209-R30L	0.3	0.8±8%	50 Typ.
THCI209-R40L	0.4	0.8±10%	50 Typ.
THCI209-R47L	0.47	0.8±8%	40 Max.
THCI209-R60L	0.6	0.8±8%	50 Typ.
THCI209-R80L	0.8	1.3±8%	45 Typ.
THCI209-1R0L	1.0	0.3±10%	25 Max.
THCI209-1R2L	1.2	2.4±10%	20 Max.
THCI209-2R0L	2	3.6 Max.	30 Typ.
THCI209-2R5L	2.5	4.7±8%	28 Typ.

Electrical Specifications-THCI310

Part Number	Inductance(uH) (±15%)	DCR (mΩ)	Isat(A)
THCI310-R47L	0.47	0.7±10%	40 Max.
THCI310-R60L	0.6	0.75±8%	50 Max.
THCI310-R80L	0.8	0.8±10%	40 Max.
THCI310-1R0L	1.0	1.5±10%	40 Max.
THCI310-1R8L	1.8	1.8±10%	30 Max.
THCI310-3R3M	3.3±20%	5.0 Max.	25 Typ.
THCI310-4R7M	4.7±20%	8.6 Max.	17 Typ.