

# Power Cube YC5040-xxx Family



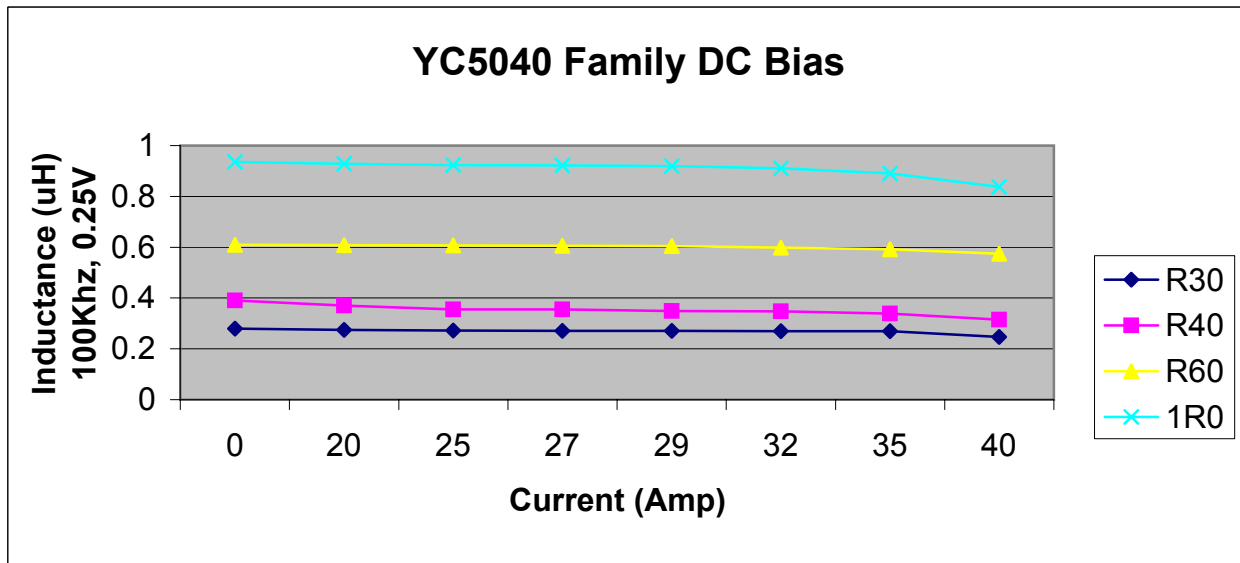
## Feature:

1. Ferrite base power cube inductor
2. Compact size 14.5x14.5x10mm Max.
3. Designed to off max. 5% roll off at Isat
4. Ideally for output chokes application

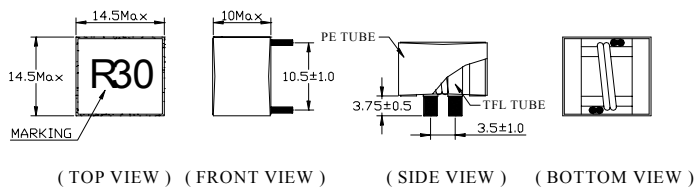
## Electrical Specification:

Part Number	Inductance	DCR, 10%	Isat (5%)
YC5040-R30L	0.30uH, 15%	0.5mOhm	35 Amp
YC5040-R42L	0.42uH, 15%	0.5mOhm	20 Amp
YC5040-R60L	0.60uH, 15%	1mOhm	40 Amp
YC5040-1R0L	1.0uH, 15%	1.8mOhm	32 Amp

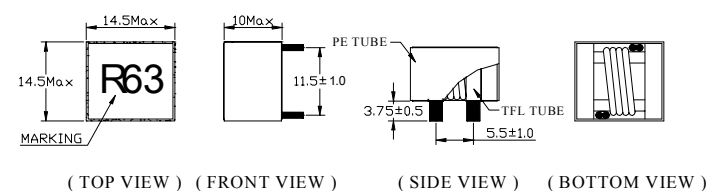
Inductance test at 100Khz 0.25V



## Mechanical Dimension for YC5040-R30L & R42L



## Mechanical Dimension for YC5040-R60L & 1R0L



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