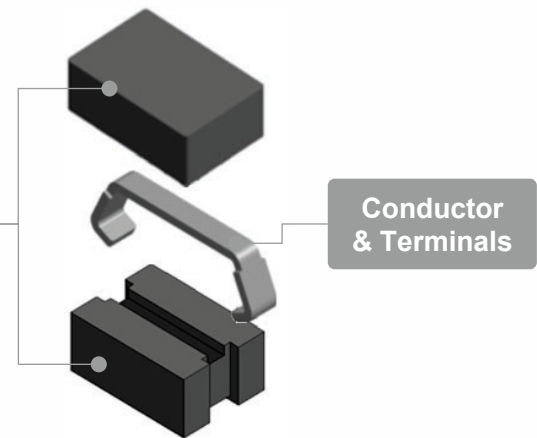


new

YAGEO Group's TPI ferrite core inductor series offers a very low core loss. Their flat wire **run through the construction** design, for high efficiency at large currents. The core is ideal for high switching frequency applications.

Construction



Applications

Load regulators
Switching DC-DC power supplies
Power factor correction and storage

[TPI Datasheet Link](#)

FERRITE SMD POWER INDUCTOR

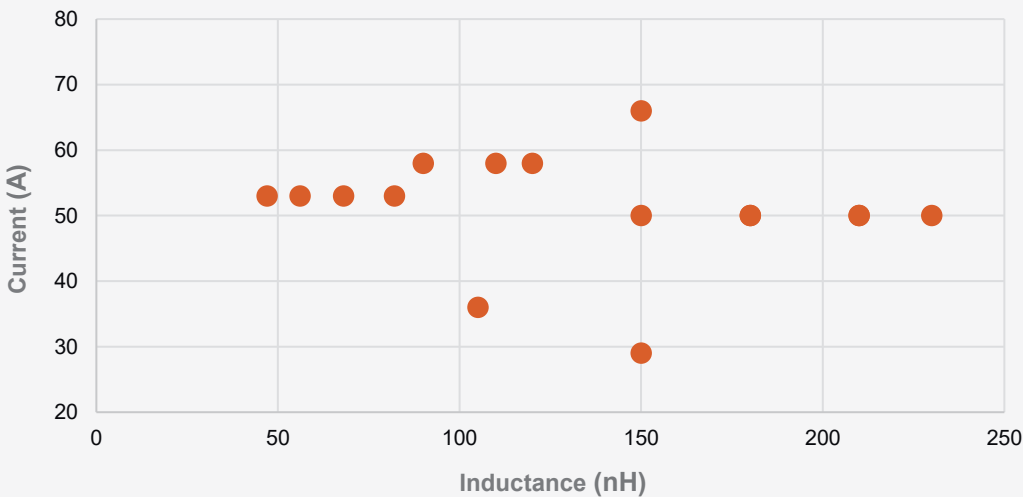
TPI Large Current Power Inductor



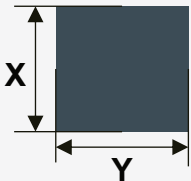
Electrical Characteristics

- Rated Inductance: 47 – 230 nH at 100 kHz & 1 mA
- Rated DCR: 0.145 – 0.62 mΩ
 - Rated current: 29 – 66 A
 - Operating temperature: -40°C to +125°C

Selection Guide



Size Code	X (mm)	Y (mm)
076790	7	6.7
077050	7	7
078060	7	8
118082	11.2	8
111065	11.6	10
128080	12	8
9664A0	9.6	6.4



Part Number System

TPI	128080	L	180	N
Series	Size Code	Inductor	Inductance Code	Version
TPI	See table above 9664A0 * A = 10		xxx = xxx nH	N = Standard R = Low DCR