

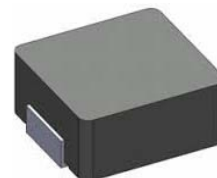


SHIELDED POWER INDUCTOR TLQJNC053V



Features:

- Shielded Power Inductor
- For High Power Conversion & Filtering Applications
- Operating Temperature: -55°C to +125°C
- Storage Temperature: -55°C to +125°C



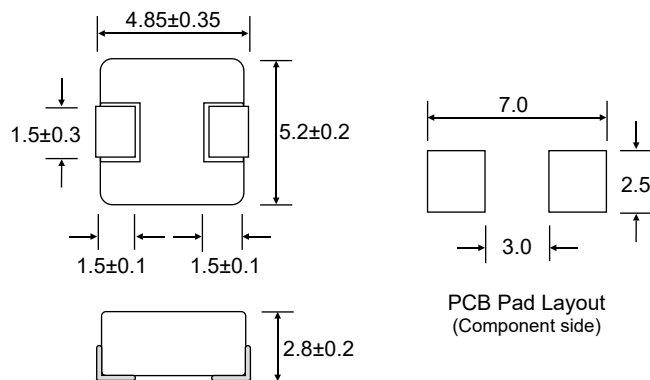
Electrical Specifications @25°C

Part Number	Inductance ($\mu\text{H} \pm 20\%$) @100kHz, 1V	Rated Current ⁽¹⁾ (ADC)	Saturation Current ⁽²⁾ (ADC)	DCR (m Ω Typ.)	DCR (m Ω Max.)
TLQJNC053V-1R2M	1.2	6.5	11	15	16

(1) Current will cause temperature rise of 40°C.

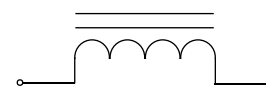
(2) Current that will cause 30% inductance drop from its initial value.

Dimensions



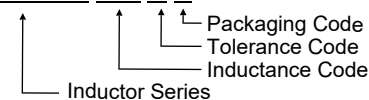
All Dimensions are in mm.

Schematic



Part Numbering

TLQJNC053V-1R2 M D



- Resistance to Solder Heat: 260°C Peak (Reflow)
- Ordering Information:
TLQJNC053V-xxxMD - 330mm reel (700pcs./reel)
TLQJNC053V-xxxMB - Bulk