



NSD50 series

High Current, Ferrite Inductor



Description

- Ferrite core material
- High current carrying capacity, Low core losses
- 100nH to 300nH, 32.5A to 94A
- Tight DCR tolerance, $\pm 5\%$
- Operating temperature range: -40°C to $+125^{\circ}\text{C}$
- Magnetically shielded, low EMI
- Halogen Free
- RoHS compliant

Application

- Power supply for Servers, Datacenters, AI Engines
- Multi-phase and Vcore regulator
- Voltage Regulator Module (VRM)
- Point-of-Load module (POL)



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