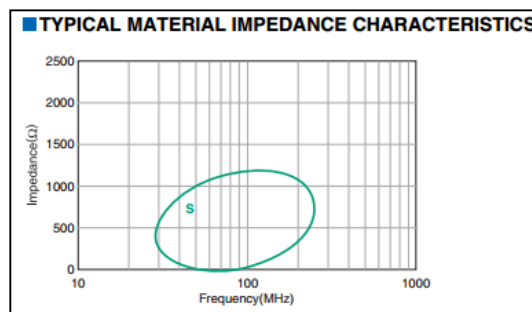


MPZ1005S-H Series Chip Beads

Large Current/Low DC Resistance Chip Beads for Power Line



TDK's MPZ1005S-H series chip beads are large current, low DC resistance chip beads used for noise removal in power line applications in which the blocking region is near 100MHz. The 'S' type material features impedance characteristics similar to those of a typical ferrite core. The impedance values in this MPZ1005S-H series were selected for effectiveness in the 40 to 300MHz range.



Power

Low RDC

Commercial



[MPZ1005S-H Datasheet](#)

Features

- Large current, low RDC
- Operating temperature range of -55°C to $+125^{\circ}\text{C}$
- Storage temperature range of -55°C to $+125^{\circ}\text{C}$ after the circuit board is mounted

Applications

Noise removal for:

- Mobile devices such as smartphones and tablet terminals
- PCs and recorders
- Household appliances such as STBs, smart grids, & industrial equipment

MPZ1005S-H Series Information

Case Size: 1005—1.0mm x 0.5mm x 0.5mm (EIA 0402)

Impedance Range: 33-120 Ω \pm 25%

Rated Current (max.): 2.0-3.0A

DC Resistance (max.): 0.022-0.055 Ω

Quantity per Reel: 10,000