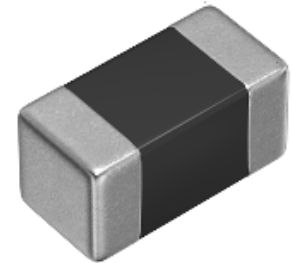


MPZ-H-KIT

Low Rdc Chip Beads for Power Line Sample Kit

PRODUCT HIGHLIGHTS

- Noise reduction solution for power line
- 'H' series product achieves a 50% reduction in resistance as compared with the standard 'C' series product
- Rated current is also improved in 'H' series product as compared with conventional power beads
- Dimensions:
 - MPZ0603-H series: 0.6 x 0.3 x 0.3 mm
 - MPZ1005-H series: 1.0 x 0.5 x 0.5 mm
- Operating temperature range of -55°C to +125°C



APPLICATION EXAMPLES

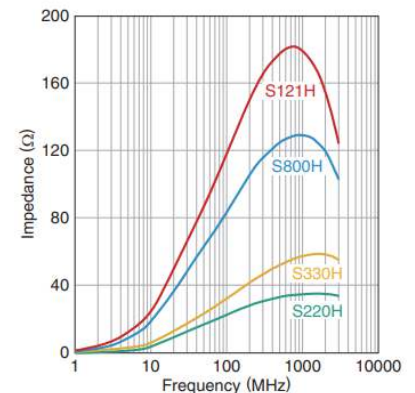
- Noise removal for devices such as:
 - Smartphones & tablet terminals
 - PCs and recorders
 - Household appliances such as STBs, smart grids, and industrial equipment

DESIGN RESOURCES

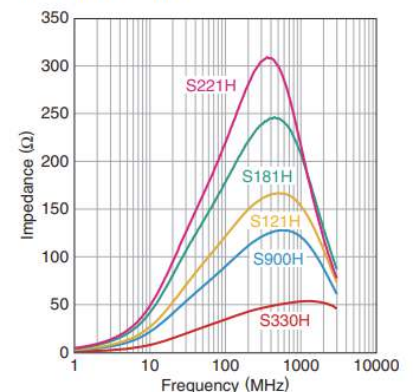
- [MPZ0603-H Datasheet](#)
- [MPZ1005-H Datasheet](#)
- [Selection Guide – Chip Beads \(Commercial Grade\)](#)

Z VS. FREQ. CHARACTERISTICS

MPZ0603S series



MPZ1005-H series



MPZ-H-KIT Contents

TDK Part Number	Description	Quantity
MPZ0603S220HT000	22Ω ±25% at 100MHz, 1.9A, 36mΩ	10 pcs
MPZ0603S330HT000	33Ω ±25% at 100MHz, 1.6A, 50mΩ	10 pcs
MPZ0603S800HT000	80Ω ±25% at 100MHz, 1.2A, 95mΩ	10 pcs
MPZ0603S121HT000	120Ω ±25% at 100MHz, 1A, 130mΩ	10 pcs
MPZ1005S330HT000	33Ω ±25% at 100MHz, 3A, 22mΩ	10 pcs
MPZ1005S900HT000	90Ω ±25% at 100MHz, 2.3A, 38mΩ	10 pcs
MPZ1005S121HT000	120Ω ±25% at 100MHz, 2A, 55mΩ	10 pcs
MPZ1005S181HT000	180Ω ±25% at 100MHz, 1.6A, 85mΩ	10 pcs
MPZ1005S221HT000	220Ω ±25% at 100MHz, 1.5A, 95mΩ	10 pcs