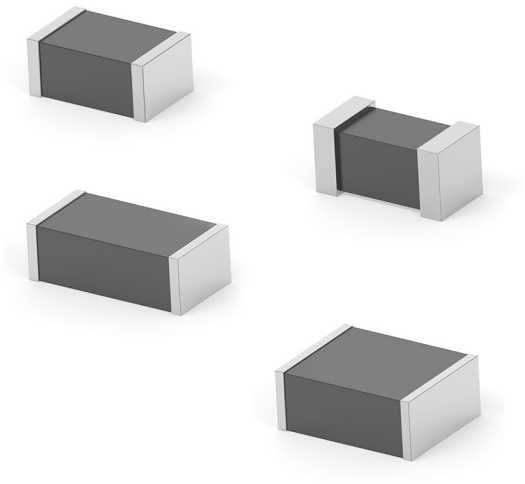
INTRODUCING

BMC SERIES OF MULTILAYER FERRITE BEADS

- **Effective EMI protection**
- **Low DC resistance**



TE Connectivity (TE)'s BMC series of multilayer ferrite beads cover a wide range of impedance characteristics. The chip beads have a monolithic inorganic material construction that reduces the effect of electromagnetic interference (EMI) and high-frequency noise in electronic circuits.

A ferrite bead can be added to an inductor to improve the ability to block unwanted high frequency noise. First, the ferrite concentrates the magnetic field, increasing inductance and therefore reactance, which impedes or 'filters out' the noise. Second, if the ferrite is so designed, it can produce an additional loss in the form of resistance in the ferrite itself. This series is offered in 0402, 0603, 0805, 1204 and 1210 package sizes.

The BMC series is promoted as a direct replacement to our recently discontinued legacy product BMB series.

APPLICATIONS

- Cellular phones
- Computers and peripheral equipment
- Automation controls
- Sensors
- VCRS, television, pagers
- Circuits, where a stable ground is unavailable

KEY BENEFITS

- Effective EMI protection
- Low DC resistance
- High soldering heat resistance
- Multiple size availability

LEARN MORE

- Passive components landing page
- BMC Series product listing page
- BMC Series parts list
- BMC Series flyer