

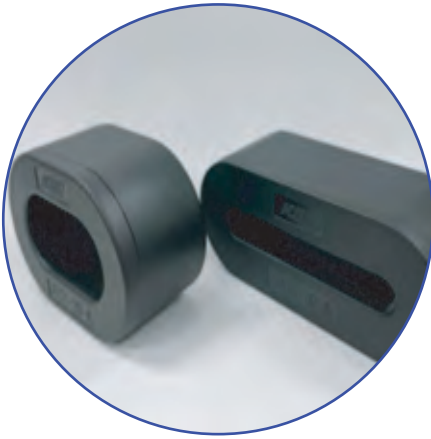


Broad Effect Core

BRE-A



NEW

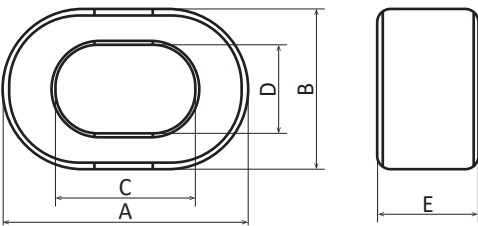


Oval Nanocrystalline Alloy Core

- Oval-shape provides space-saving, lower profile than ring cores
- Ideal for noise suppression on cables and busbars as a common mode choke to reduce common mode noise generated along high-voltage lines
- With high impedance, effective for suppressing noise across a broad frequency range
- Vibration resistance complies with in-vehicle vibration test standard (ISO 16750-3 II)
- Stable EMI performance from low to high temperature range
- Operating temperature: -40°C to $+125^{\circ}\text{C}$
- UL94V-0 rated plastic case with excellent electrical insulation

Specifications

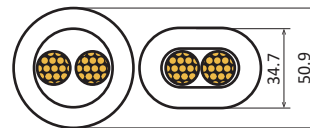
Dimensions



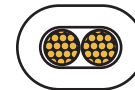
Part Number	A	B	C	D	Unit:mm E
BRE-3721-20-A79-BK	50.9	34.7	33.1	16.9	23.8
BRE-5311-20-A79-BK	69.8	28.3	48.5	7.0	23.8

BRE-3721-20-A79-BK

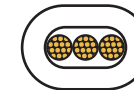
Comparison with Ring Core (Two $\Phi 15$ mm cables)



Cable Insertion examples (Recommended cable diameters)



Two $\Phi 15$ mm cables



Three $\Phi 10$ mm cables



$\Phi 14$ mm cables with two turns

BRE-5311-20-A79-BK

Busbar Insertion examples (Recommended busbar diameters)



Two 18 mm x 3mm busbars

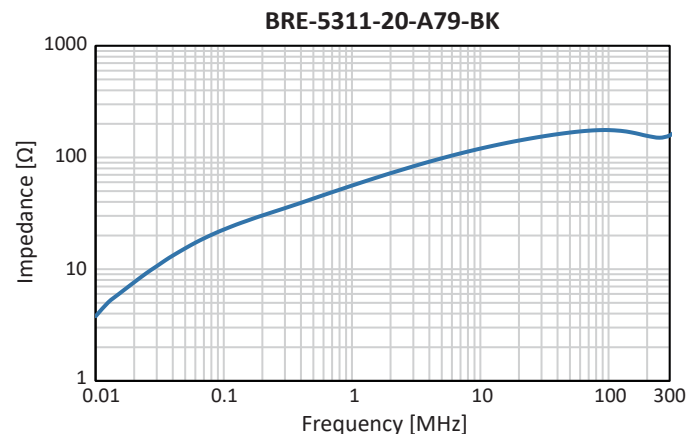
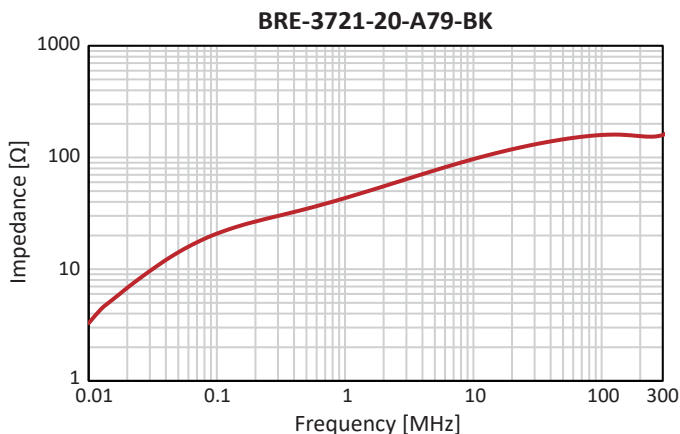


Three 10 mm x 3mm busbars

Application Examples

Inverters, servo amplifiers, switching power supplies

Impedance vs Frequency



Please request for detailed product specification data prior to purchase



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Broad Effect Core_BRE-A Series_REV0_08062026