



Oval Nanocrystalline Alloy Core

Feature

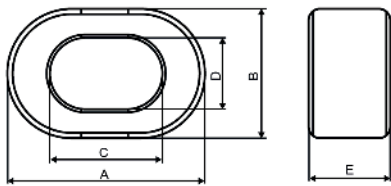
- Oval-shape provides space-saving, lower profile than ring cores.
- With high impedance, effective for suppressing noise across a broad frequency range.
- Vibration resistance complies with in-vehicle vibration test standard (ISO 16750-3 II).
- Stable EMI performance from low to high temperature range.
- Operating temperature: -40°C to +125°C
- UL94V-0 rated plastic case with excellent electrical insulation.

Material

- Core: Nanocrystalline Alloys Housing: PBT (Color:Black/Flammability:UL94V-0)

■ Specifications

- Product dimensions



Unit:mm

Product	A	B	C	D	E
BRE-3721-20-A79-BK	50.9	34.7	33.1	16.9	23.8
NEW 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 $\phi 15$ mm cables $\phi 11$ mm cables with two turns

BRE-5311-20-A79-BK

Busbar Insertion examples (Recommended busbar diameters)

Two 10 mm $\times$ 2 mm busbars Three 10 mm $\times$ 2 mm busbars

- Application Examples
Inverters, servo amplifiers, switching power supplies

■ Impedance vs Frequency

