

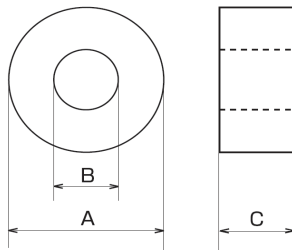
# BROAD EFFECT CORE / BRE



## Highly effective measure for EMC noise suppression in broad frequency band

- Effective for suppression of conducted/radiated noise.
- High impedance characteristics decrease the number of cable turns.
- Since the variation in impedance characteristics against temperature is small, stable effect is ensured in wide temperature range.
- Plastic housing provides higher insulation properties.
- The material of the plastic housing is UL94V-0 certified.

### Specifications



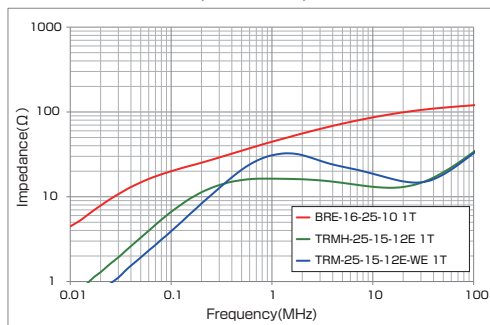
Part No.	A	B	C	Impedance $\Omega$ / 1MHz(1 turn)
BRE-16-25-10	27.5	13.8	12.6	$\geq 28$
BRE-20-30-15	33.5	17.7	17.9	$\geq 36$
BRE-23-33-15	36.3	21.0	18.0	$\geq 28$
BRE-35-45-15	48.6	31.6	18.5	$\geq 21$
BRE-50-65-25	68.4	46.7	28.7	$\geq 34$
BRE-50-80-25	84.0	47.0	29.2	$\geq 38$
BRE-76-102-25	107.9	70.2	30.4	$\geq 31$

Unit : mm

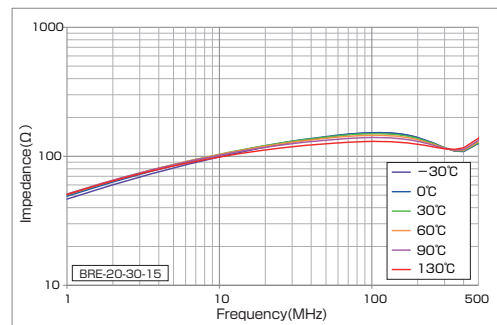
### Properties

#### ● Impedance Property

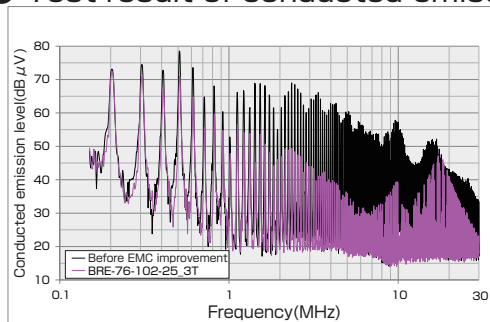
< BRE ,TRMH ,TRM >



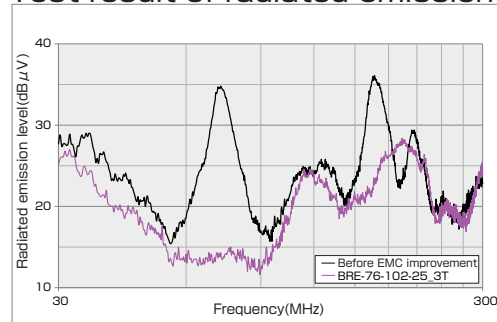
#### ● Impedance Property vs. Temperature



#### ● Test result of conducted emission



#### ● Test result of radiated emission



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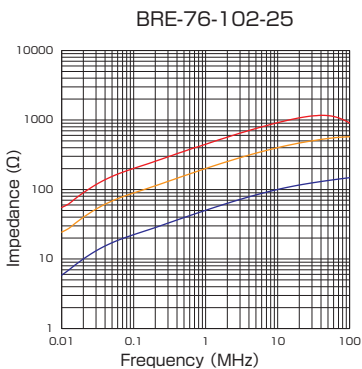
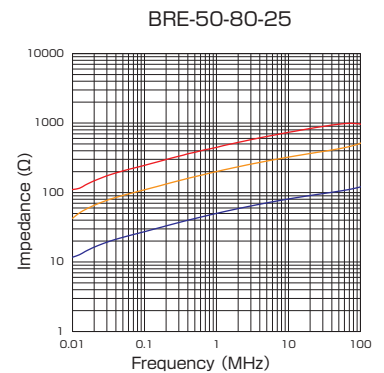
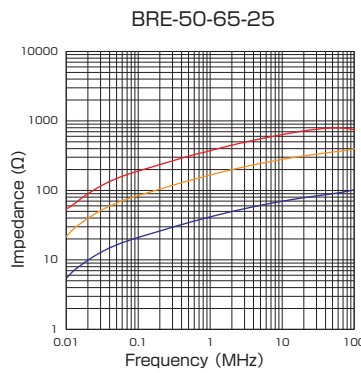
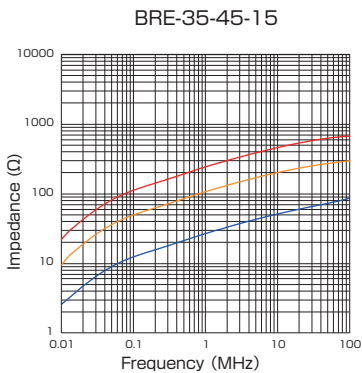
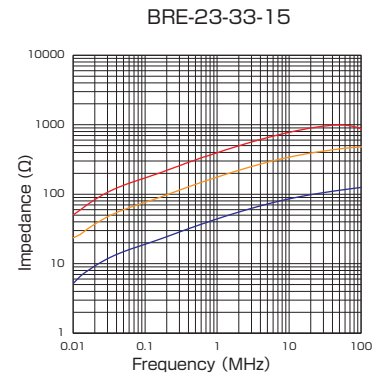
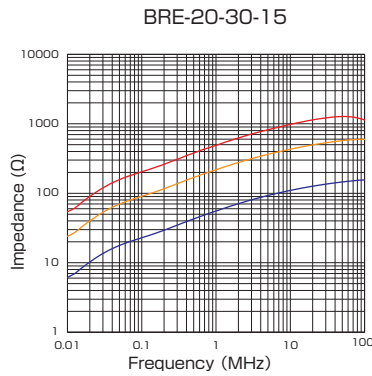
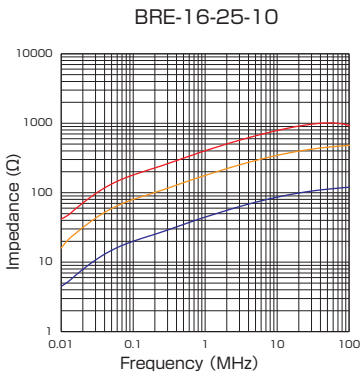
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## ■ Properties

● Impedance vs frequency ( — 1 Turn — 2 Turn — 3 Turn )



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