



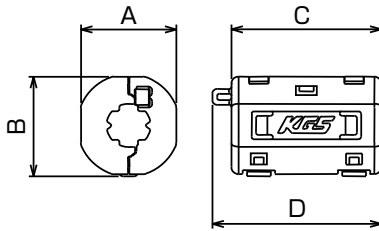
Non-split toroidal cores

Feature

- Split ferrite cores with plastic housing for easy fixing on assembled cables or cables with connectors.
- Cable tie can assist to hold electric wires and enables the product to be fixed to wire harness. (Excluding GRFC-3/4, RFC-H13, RFC-20)
- Wire guiding system prevents wires from being pinched when winding assembly.

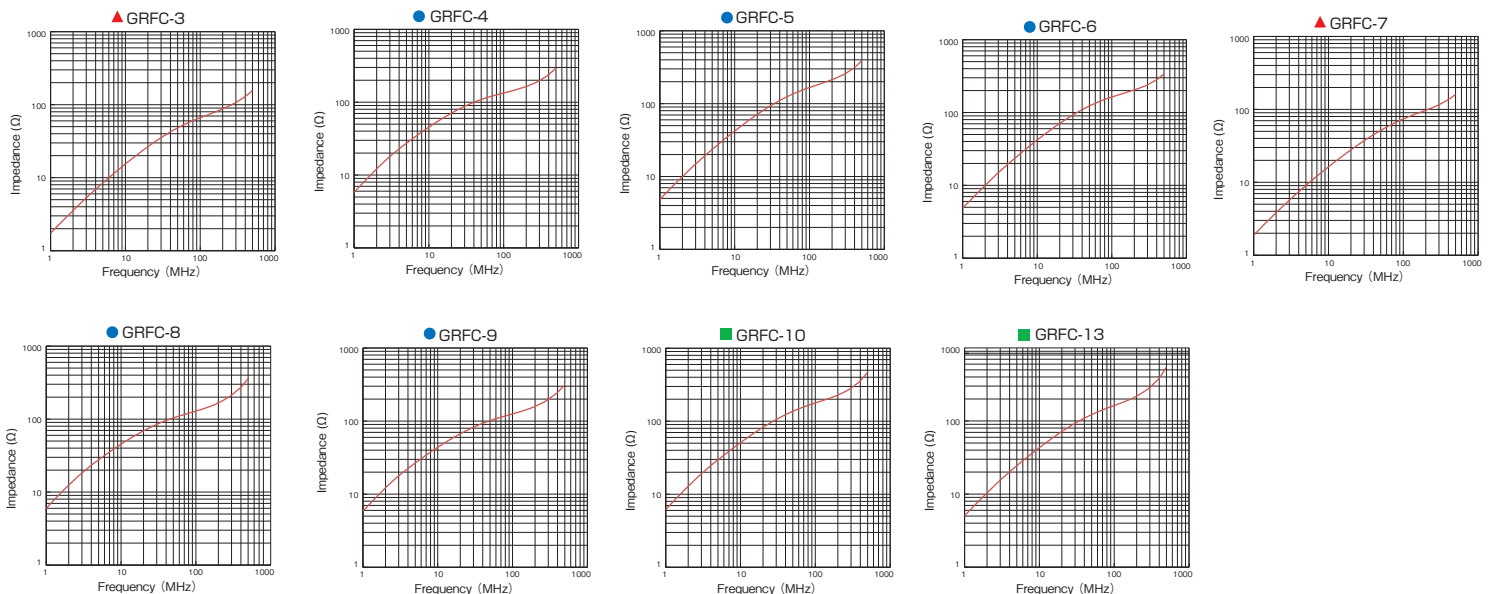
Material

- Ferrite Core : Soft ferrite
- Housing : PA66 (Color : Light gray / Flammability : UL94V-0)
(Color : Black / Flammability : UL94V-2)



Part No.	A	B	C	D	Applicable cable diameter	Impedance* Ω /100MHz (1 turn)
GRFC-3	13.7	13.5	18.0	—	ϕ 3.0~4.0	≥ 35
GRFC-4	13.7	13.5	27.5	—	ϕ 3.5~4.5	≥ 75
GRFC-5	18.1	18.4	31.5	35.5	ϕ 4.5~5.5	≥ 100
GRFC-6	18.1	18.4	31.5	35.5	ϕ 5.5~6.5	≥ 100
GRFC-7	14.25	15.8	20.0	24.0	Max. ϕ 7	≥ 45
GRFC-8	20.1	20.4	31.5	35.5	ϕ 7.5~8.5	≥ 75
GRFC-9	20.1	20.4	31.5	35.5	ϕ 8.5~9.5	≥ 75
GRFC-10	26.3	26.4	32.4	37.2	ϕ 9.5~10.5	≥ 105
GRFC-13	29.1	29.4	31.5	36.3	ϕ 12.5~13.5	≥ 95

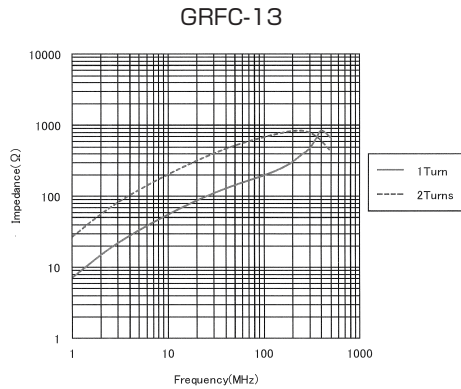
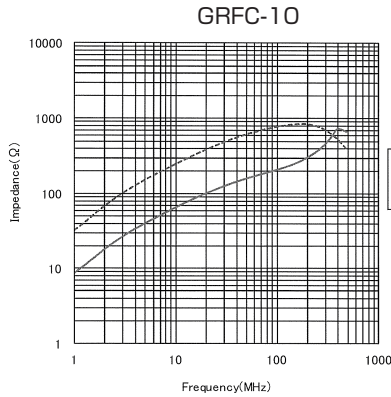
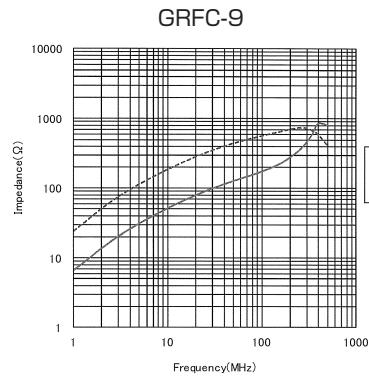
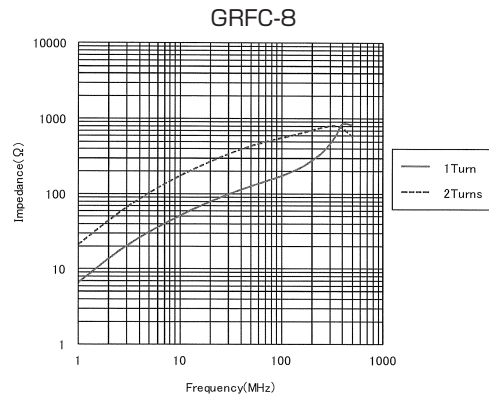
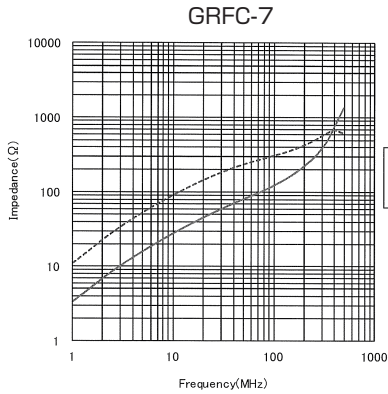
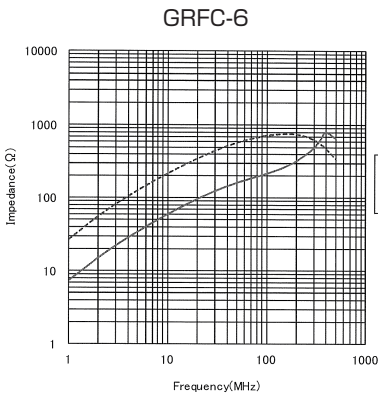
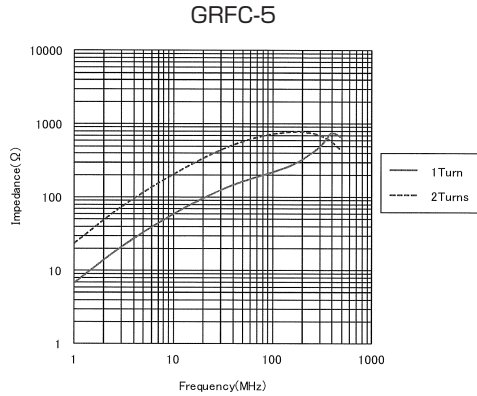
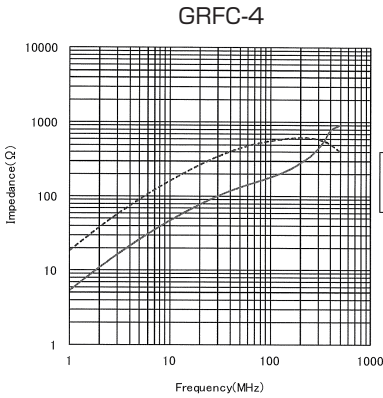
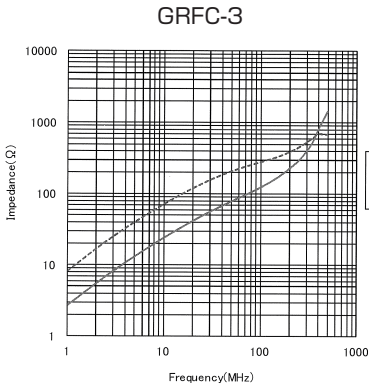
Impedance vs frequency



Test condition	▲	Wire:UEW ϕ 0.5 mm / Length 50 mm / 1 Turn
	●	Wire:UEW ϕ 0.5 mm / Length 80 mm / 1 Turn
	■	Wire:UEW ϕ 0.5 mm / Length 100 mm / 1 Turn

RF Impedance Material Analyzer Agilent E4991A

- All specifications and characteristics shown herein are typical values, but are not guaranteed.
All specifications and characteristics shown herein are subject to change without notice for improvements or changes in specification.



Test condition

Wire: AWG26 ϕ 0.5mm / Length 165 mm / 1 Turn / 2 Turns

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