



Toroidal design that makes cable easy to turn around it

**Feature**

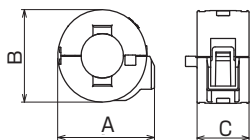
- Split ferrite cores with plastic housing for easy fixing on assembled cables or cables with connectors.
- Cable tie can assist to hold electric wires and enables the product to be fixed to wire harness. (Excluding GTFC-41-27-16)
- Wire guiding system prevents wires from being pinched when winding assembly.

**Material**

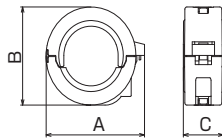
- Ferrite Core : Soft ferrite
- Housing : PA66 (Color : Light gray / Flammability : UL94V-0)

GTFC-\*\*-\*\*-\*\*-\*\*

Profile ①



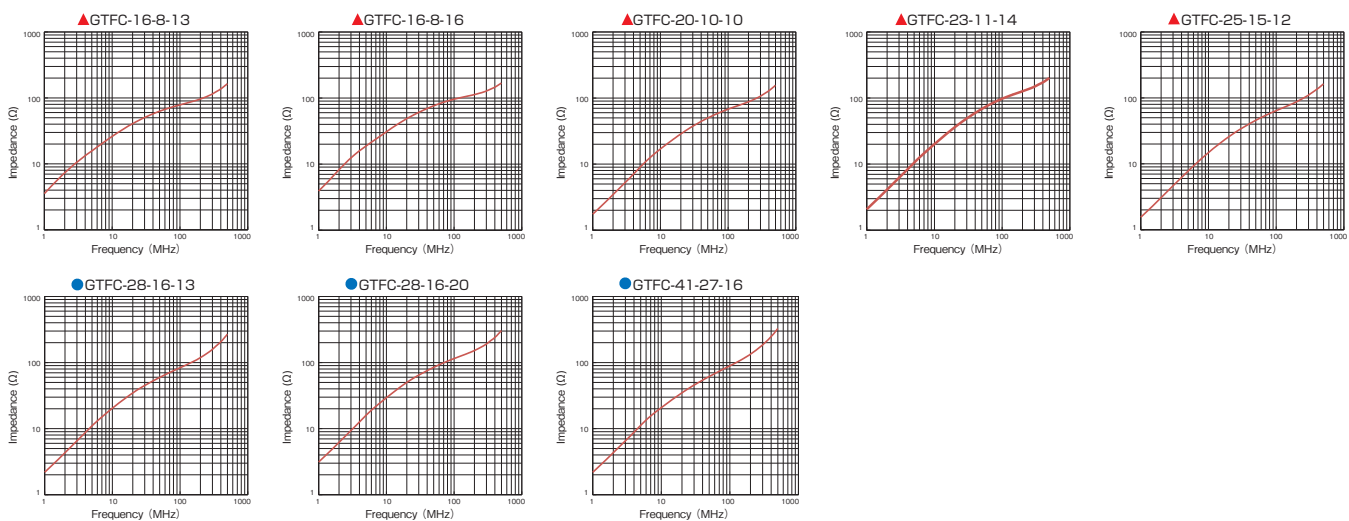
Profile ② (GTFC-41-27-16)



Unit : mm

Part No.	Profile	Applicable cable diameter	A	B	C	Impedance Ω/100MHz (1turn)
GTFC-16-8-13	①	Max. φ 7.2	22.3	20.1	18.9	≧ 45
GTFC-16-8-16	①	Max. φ 7.2	22.3	20.1	21.9	≧ 55
GTFC-20-10-10	①	Max. φ 8.5	27.1	24.9	16	≧ 40
GTFC-23-11-14	①	Max. φ 10.5	30.5	28.3	20.2	≧ 55
GTFC-25-15-12	①	Max. φ 13	31.1	28.9	17.8	≧ 40
GTFC-28-16-13	①	Max. φ 14.7	35.1	32.9	18.8	≧ 50
GTFC-28-16-20	①	Max. φ 14.7	35.1	32.9	25.8	≧ 70
GTFC-41-27-16	②	Max. φ 26	48.2	44.5	19.6	≧ 50

Impedance vs frequency

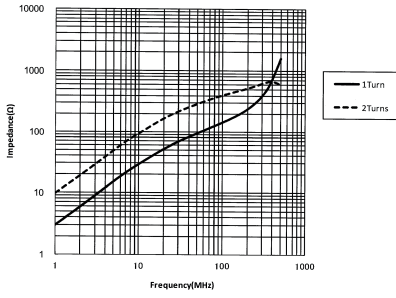


▲	Wire:UEW φ0.5 mm / Length 50 mm / 1 Turn
●	Wire:UEW φ0.5 mm / Length 80 mm / 1 Turn
■	Wire:UEW φ0.5 mm / Length 100 mm / 1 Turn

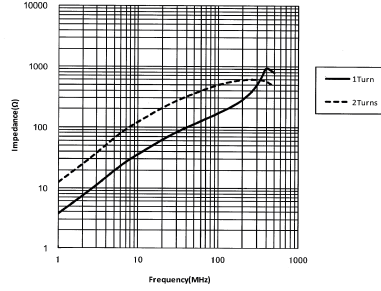
RF Impedance Material Analyzer Agilent E4991A

● 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.

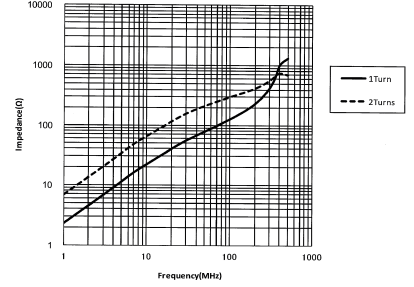
GTFC-16-8-13



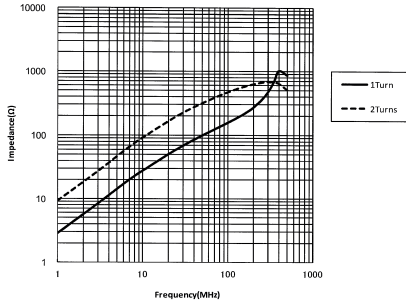
GTFC-16-8-13



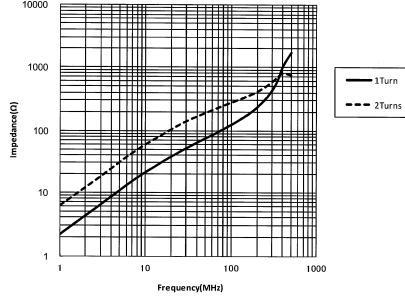
GTFC-20-10-10



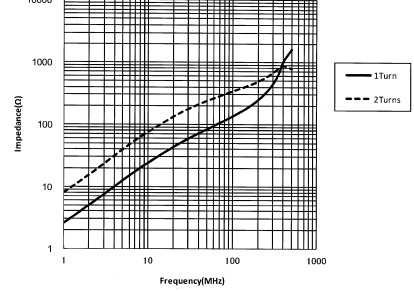
GTFC-23-11-14



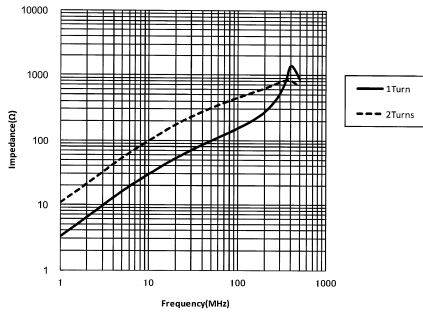
GTFC-25-15-12



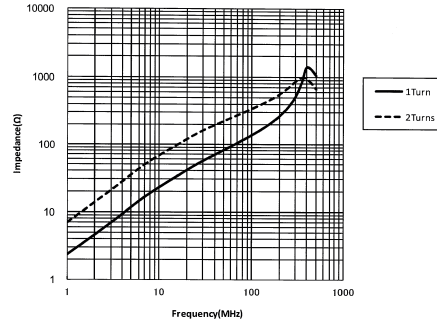
GTFC-28-16-13



GTFC-28-16-20



GTFC-41-27-16



Test condition

Wire: AWG26  $\phi$ 0.5mm / Length 165 mm / 1 Turn / 2 Turns

RF Impedance Material Analyzer Agilent E4991A