

## 纳米结晶软磁合金材料® 共模扼流磁芯/线圈 FT-3K10Q系列

FINEMET® Common Mode Choke Coils and Cores for xEV

为噪音滤波器的小型化作贡献

Contribute to downsizing of the noise filter for xEVsteel.



电控

### 概要

#### 在宽频段范围内实现高阻抗

Achieves high impedance over a wide frequency range.

#### 满足车载电装需求的大温度范围内稳定的阻抗

Stable impedance under wide temperature environment required for automotive.

用途

xEV  
通用变频器  
功率转换器等

xEV, AC driver,  
power converter, etc.

### 特点

#### 「FT-3K10Q」与常规材料的对比

“FT-3K10Q” and comparison with conventional materials

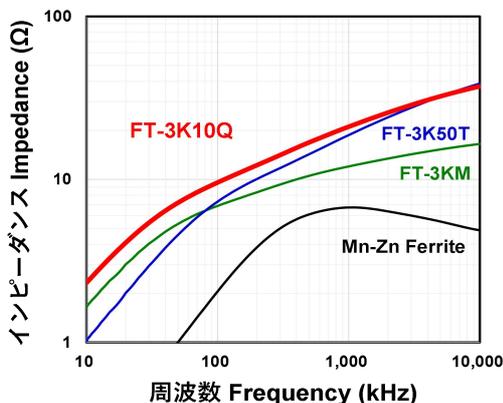
#### 阻抗频率特性 (参考例)

Impedance frequency characteristics  
(Reference example)

Material	阻抗 (Ω)		
	10 kHz	100 kHz	1 MHz
FT-3K10Q	2.32	9.57	21.05
FT-3K50T	1.02	7.31	18.72
Mn-Zn Ferrite (本公司材料MP70D)	0.19	2.05	6.73

#### 阻抗频率特性

Impedance frequency characteristics



#### 阻抗温度特性

Impedance temperature characteristics

