

Flexible Ferrite Sheet for Magnetic Field Noise Shielding



OVERVIEW

Flexible ferrite sheet FLX-221, which is manufactured using Ni-Zn-Cu ferrite powder with optimized characteristics, reduces magnetic field noise generated from electronic devices effectively.

FEATURES

Superior noise suppression properties

High loss characteristics are shown in the range of 1MHz to 1GHz.

Flexibility

FLX-221 is easy to handle and stick without changes of its properties.

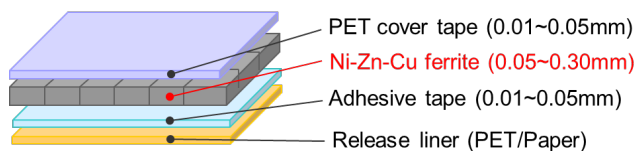
Very thin

The thin sheets are suitable for low profile electronic devices.

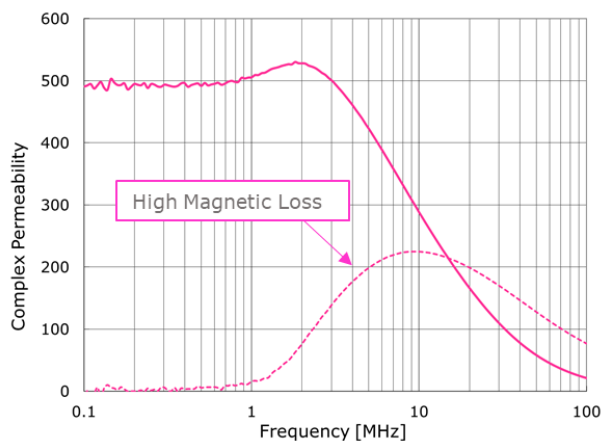
CHARACTERISTICS

【Typical specifications】

Grade	FLX-221
Material	Ni-Zn-Cu ferrite
Max. size (mm)	□ 135×135
Thickness of ferrite layer (mm)	0.05~0.30
μ' at 100kHz	500~660
Curie temperature (°C)	123
Environment	RoHS/Halogen free



【Layer structure】



【Frequency dependence of permeability】

【Optional fabrication】

- ✓ Lamination with many kinds of film.
- ✓ Complicated shape.
- ✓ Adjustment of permeability.

APPLICATIONS

- Magnetic shield as noise suppression for electronic devices.

