

Under
Development

Soft ferrite material

Flexible Ferrite Sheet for Electromagnetic Shield [TES series]



FEATURES

TODA KOGYO's TES series are electromagnetic shielding sheets that can shield noises from both electric and magnetic fields in a wide frequency band from 100kHz to several 100MHz. TES contribute to preventing of component malfunctions since they effectively shield the noises caused by electromagnetic fields from in-vehicle electronic components.

CHARACTERISTICS

Excellent electromagnetic shielding property

TES show high shielding property over 20dB for noises from both magnetic and electric fields.

Effective shielding performance in a wide frequency band

TES show superior shielding performance from 100 kHz to several 100 MHz.

Suitable for low profile and weight saving

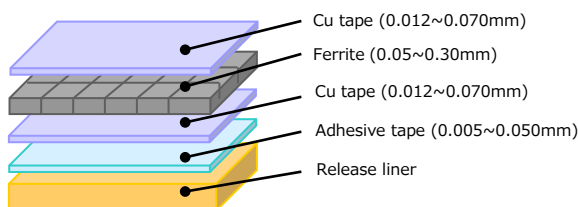
TES are suitable for devices required low profile and weight saving due to their thin thickness design.

SPECIFICATIONS

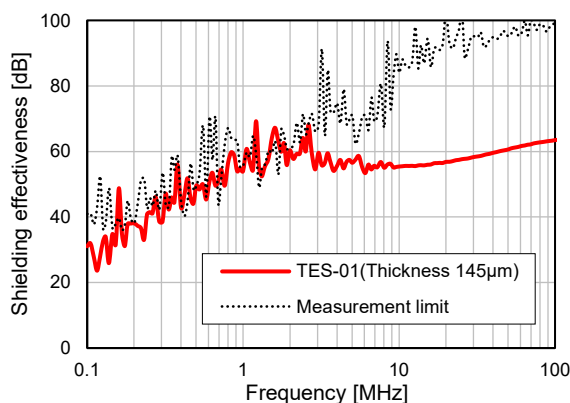
【Typical specifications】

Grade	TES-02
Material	Ni-Zn-Cu ferrite, Cu [※]
Max size(mm)	125x125
Ferrite thickness(mm)	0.05~0.30

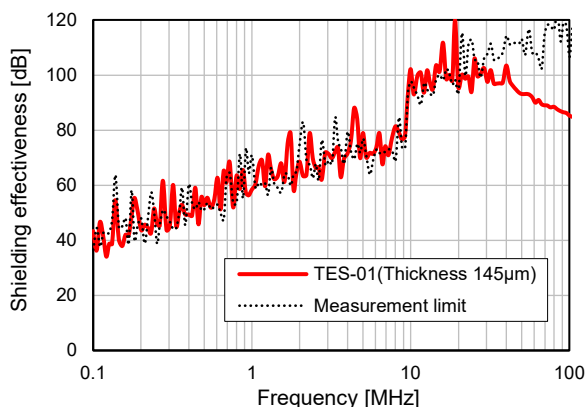
※ Al tape type, which are suitable for weight reduction, can be also supplied.



【Structure of sheet】



【Magnetic field shielding effectiveness
by KEC measurement method】



【 Electric field shielding effectiveness
by KEC measurement method】

APPLICATIONS

- Shielding material for noises caused by electromagnetic fields from electronic components

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