Flexible Ferrite Sheet for Electromagnetic Shield



TODA

OVERVIEW

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

FEATURES

Excellent electromagnetic The sheets show high shielding property over 20dB for noises from both magnetic and electric fields. shielding property Effective shielding performance The sheets show superior shielding performance from 100 kHz to several 100 MHz. in a wide frequency band Suitable for low profile The sheets are suitable for devices required low profile

and weight saving

and weight saving due to their thin thickness design.

CHARACTERISTICS

[Typical specifications]	
Sample name	EM shield sheet
Material	Ni-Zn-Cu ferrite, Cu [*]
STD size (mm)	□125×125
Ferrite thickness (mm)	0.05-0.30
Environment	RoHS/Halogen free
X Al tang tung, which are quitable for weight reduction, can be also supplie	





[Structure of sheet]



APPLICATIONS

 Shielding material for noises caused by electromagnetic fields from electronic components

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