



Soft ferrite product

Mn-Zn Ferrite Tile

FEATURES

Mn-Zn ferrite tiles, which indicate high charging efficiency, are a suitable magnetic material for high current wireless power transfer devices such as EV (Electric Vehicles) and AGV (Automatic Guided Vehicle).

CHARACTERISTICS

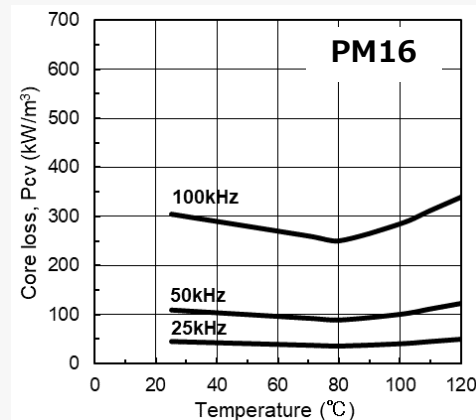
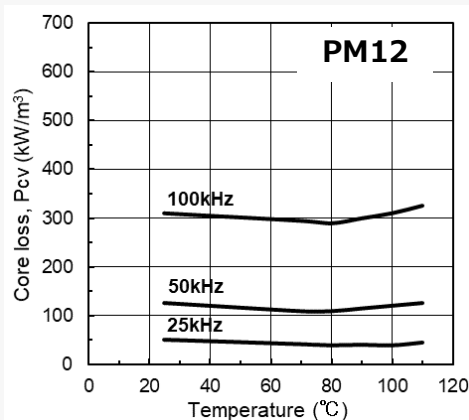
- 1 **Low core loss and stable inductance**
Mn-Zn ferrite tiles have the stable characteristics in a wide temperature range.
- 2 **Specialized design for low frequency**
Mn-Zn ferrite tiles are designed to realize high Q and μ' in a range of 85kHz for automotive.
- 3 **Various types of shape**
Requested shape and size are supplied.

SPECIFICATIONS

【Specifications】

GRADE	PM12	PM16 [※]
Material	Mn-Zn ferrite	Mn-Zn ferrite
Standard size (mm)	100×100	100×100
Thickness (mm)	1.0~5.0	1.0~5.0
μ' at 10kHz, 1mT	3200±25%	3400±25%
Pcv (kW/m ³) at 100kHz, 200mT	315	305

※The latest product



【Temperature Dependence of Core Loss (Bm=200mT)】

APPLICATIONS

- High current wireless power charger for EV and AGV.
- Radio wave absorber for anechoic chamber.

