

Soft ferrite component

# 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

**Low core loss and stable inductance**

Mn-Zn ferrite tiles have the stable characteristics in a wide temperature range.

**Specialized design for low frequency**

Mn-Zn ferrite tiles are designed to realize high Q and  $\mu'$  in a range of 85kHz for automotive.

**Various types of shape**

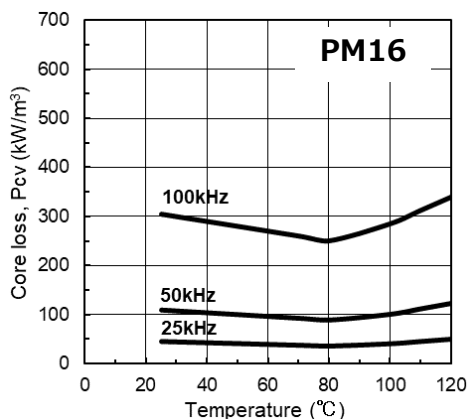
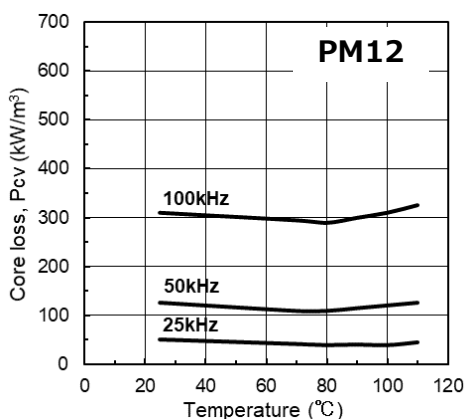
Requested shape and size are supplied.

## SPECIFICATIONS

【Specifications】

GRADE	PM12	PM16 <sup>※</sup>
Material	Mn-Zn ferrite	Mn-Zn ferrite
Standard size (mm)	100×100	100×100
Thickness (mm)	1.0~5.0	1.0~5.0
$\mu'$ at 10kHz, 1mT	3200±25%	3400±25%
P <sub>cv</sub> (kW/m <sup>3</sup> ) 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.

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