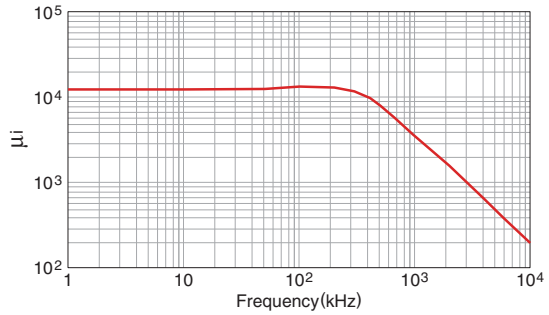
Mn-Zn Ferrite for Switching Power Supplies **Material List of HS12**

MATERIAL CHARACTERISTICS

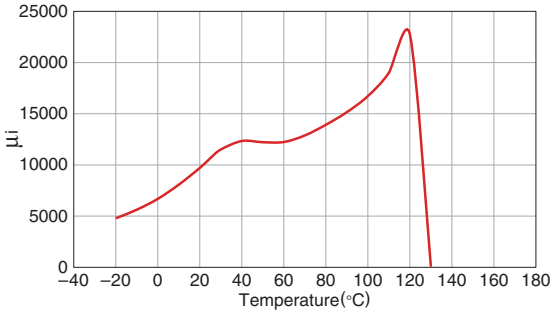
Initial permeability μi	Relative loss factor tanδ/μi ×10⁻⁶	Saturation magnetic flux density* Bs (mT) H=1194A/m 25°C	Remanent flux density* Br (mT) H=1194A/m 25°C	Coercive force* Hc (A/m) H=1194A/m 25°C	Curie temperature Tc (°C)	Density* db (kg/m³) ×10³	Electrical resistivity* ρv (Ω • m)
12000±25% (at 150kHz)	20(100kHz)	430	80	6	>130	4.9	0.5

* Typ.

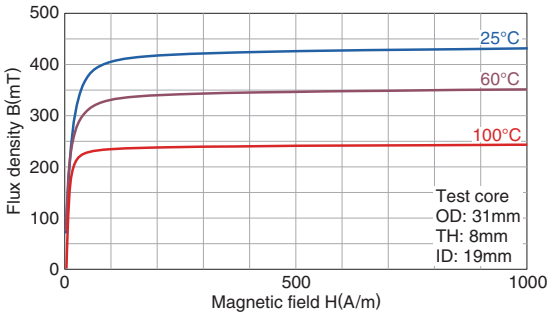
□μi frequency characteristics(Typ.)



□μi temperature characteristics(Typ.)



□B-H temperature characteristics(Typ.)



□tanδ/ μi frequency characteristics(Typ.)