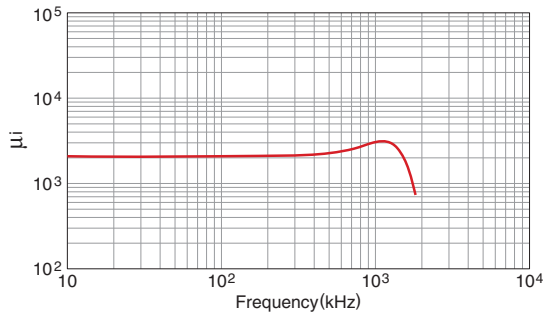
Mn-Zn Ferrite for Switching Power Supplies **Material List of PC90**

MATERIAL CHARACTERISTICS

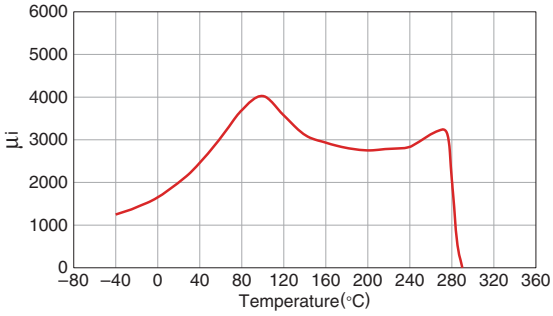
Initial permeability μi	Core loss volume density (Core loss)* Pcv (kW/m³) B=200mT 100kHz sine wave				Saturation magnetic flux density* Bs (mT) H=1194A/m				Remanent flux density* Br (mT) H=1194A/m				Coercive force* Hc (A/m) H=1194A/m				Curie temperature Tc (°C)	Density* db (kg/m³) ×10³	Electrical resistivity* ρv (Ω • m)
	25°C	60°C	100°C	120°C	25°C	60°C	100°C	120°C	25°C	60°C	100°C	120°C	25°C	60°C	100°C	120°C			
2200±25%	680	470	320	460	540	500	450	420	170	95	60	65	13	9	6.5	7	>250	4.9	4

* Typ.

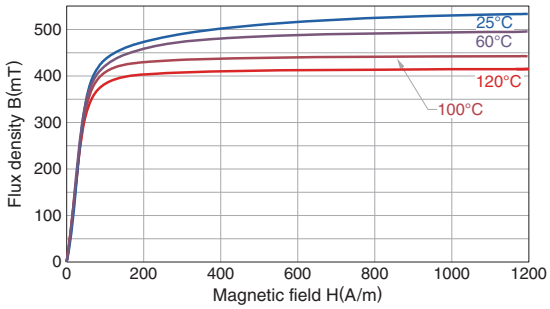
□μi frequency characteristics(Typ.)



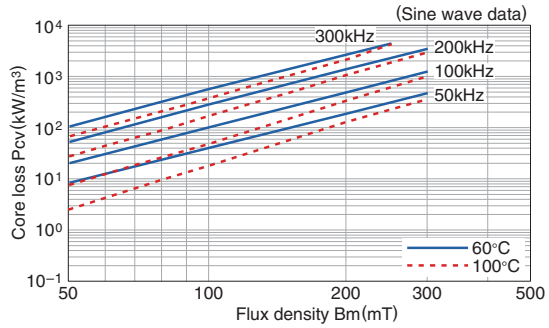
□μi temperature characteristics(Typ.)



□B-H temperature characteristics(Typ.)



□**Core Loss(Typ.)**



□**Temperature Dependence of Core Loss(Typ.)**