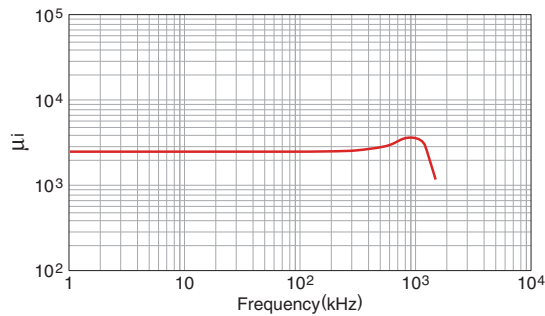
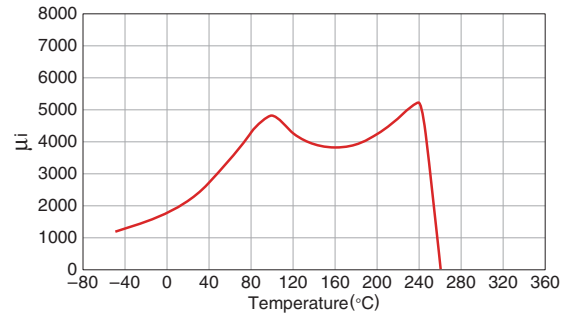
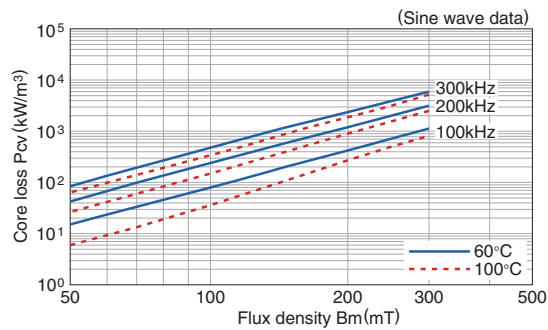
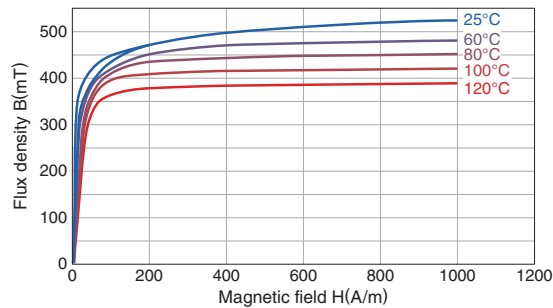
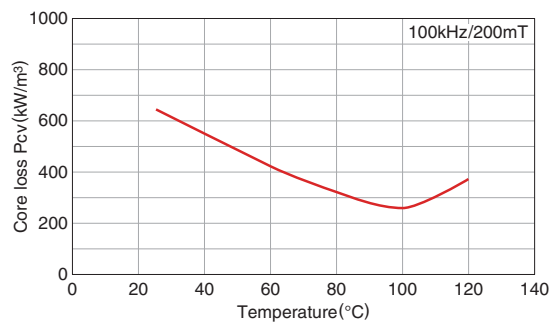


Mn-Zn Ferrite for Switching Power Supplies **Material List of PC47****MATERIAL CHARACTERISTICS**

Initial permeability $\mu_i$	Core loss volume density (Core loss)* $P_{cv}$ (kW/m <sup>3</sup> ) B=200mT 100kHz sine wave				Saturation magnetic flux density* $B_s$ (mT) H=1194A/m				Remanent flux density* $B_r$ (mT) H=1194A/m				Coercive force* $H_c$ (A/m) H=1194A/m				Curie temperature $T_c$ (°C)	Density* $\rho_b$ (kg/m <sup>3</sup> ) $\times 10^3$	Electrical resistivity* $\rho_v$ ( $\Omega \cdot m$ )
	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			
2500±25%	600	400	250	360	530	480	420	390	180	100	60	60	13	9	6	7	>230	4.9	4

\* Typ.

 **$\mu_i$  frequency characteristics(Typ.)** **$\mu_i$  temperature characteristics(Typ.)****Core Loss(Typ.)****B-H temperature characteristics(Typ.)****Temperature Dependence of Core Loss(Typ.)**

⚠ Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use.  
Please note that the contents may change without any prior notice due to reasons such as upgrading.