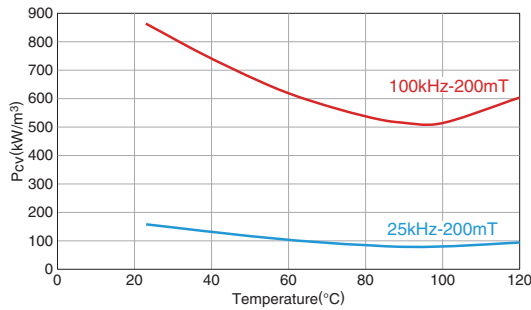


# Mn-Zn Large Size Ferrite for High Power **Material List of PE22**

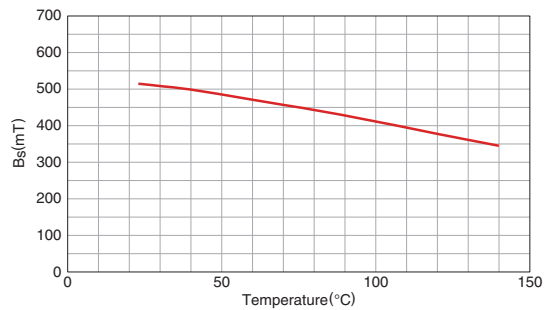
## MATERIAL CHARACTERISTICS

Initial permeability $\mu_i$	Curie temperature $T_c$ (°C)	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	Core loss			Electrical resistivity $\rho$ ( $\Omega \cdot m$ )	Approximate density $d_{app}$ (kg/m <sup>3</sup> ) $\times 10^3$	Thermal expansion coefficient $\alpha$ (1/K) $\times 10^{-6}$	Thermal conductivity $\kappa$ (W/mK)	Specific heat $C_p$ (J/kg · K)	Bending strength $\delta b_3$ (N/m <sup>2</sup> ) $\times 10^7$	Young's modulus $E$ (N/m <sup>2</sup> ) $\times 10^{11}$	Magnetostriction $\lambda_s$ $\times 10^{-6}$
		23°C	100°C			25kHz	90°C	100°C								
1800	>200	510	410	140	16	79	80	520	3.0	4.8	12	5	600	9	1.2	-0.6

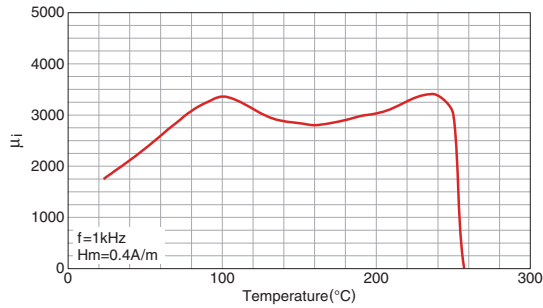
Core loss vs. temperature characteristics(Typ.)



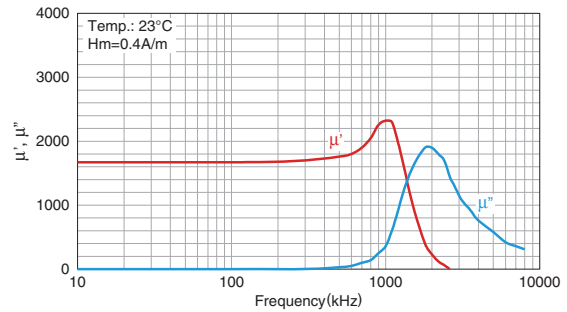
Saturation magnetic flux density vs. temperature characteristics(Typ.)




Initial magnetic permeability vs. temperature characteristics(Typ.)



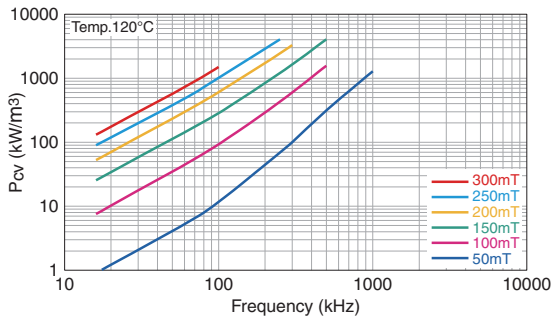
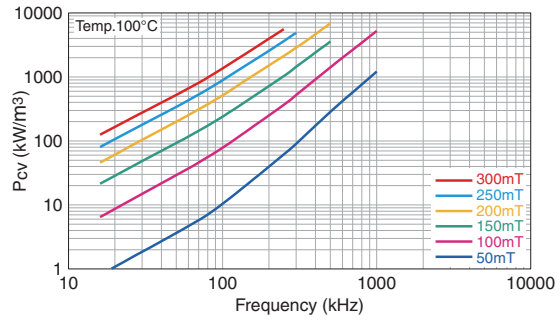
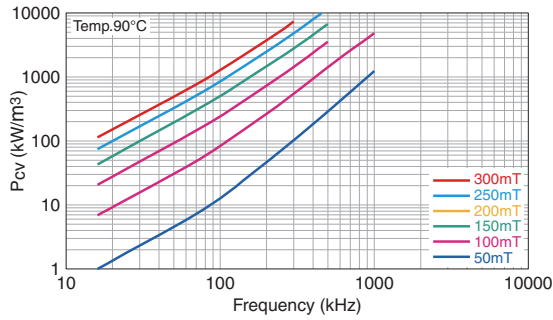
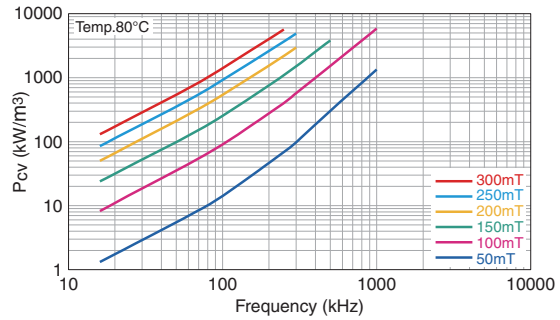
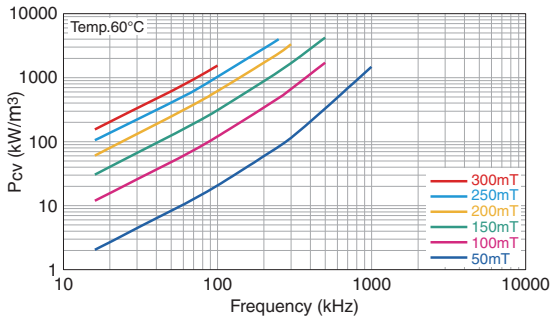
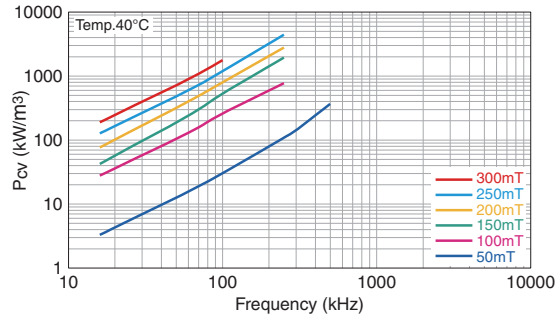
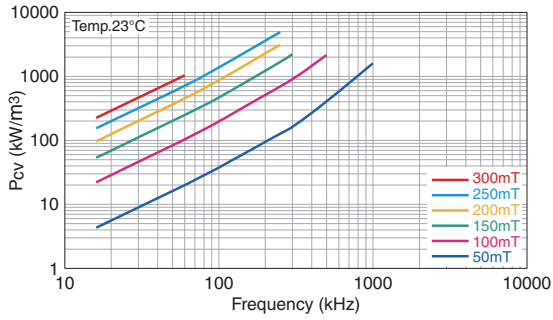
Magnetic permeability vs. frequency characteristics(Typ.)



 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.

# Mn-Zn Large Size Ferrite for High Power **Material List of PE22**

## Core loss vs. temperature characteristics



⚠ 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.