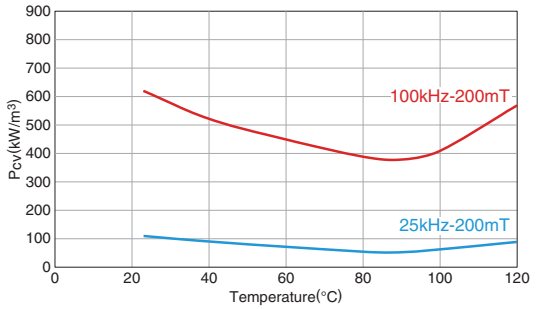
Mn-Zn Large Size Ferrite for High Power **Material List of PE90**

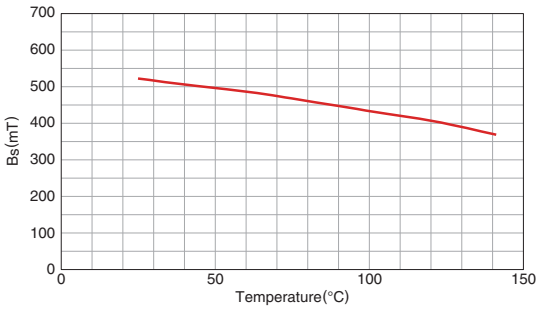
MATERIAL CHARACTERISTICS

Initial permeability μi 23°C	Curie temperature Tc (°C)	Saturation magnetic flux density Bs (mT) H=1194A/m 23°C	Saturation magnetic flux density Bs (mT) H=1194A/m 100°C	Remanent flux density Br (mT) H=1194A/m 23°C	Coercive force Hc (A/m) H=1194A/m 23°C	Core loss Pcv (kW/m³) B=200mT 25kHz 90°C	Core loss Pcv (kW/m³) B=200mT 25kHz 100°C	Core loss Pcv (kW/m³) B=200mT 100kHz 100°C	Electrical resistivity ρ (Ω • m)	Approximate density dapp (kg/m³) ×10³	Thermal expansion coefficient α (1/K) ×10⁻⁶	Thermal conductivity κ (W/mK)	Specific heat Cp (J/kg • K)	Bending strength δb3 (N/m²) ×10⁷	Young's modulus E (N/m²) ×10¹¹	Magnetostriction λs ×10⁻⁶
2200	>250	530	430	170	13	60	68	400	6.0	4.9	12	5	600	9	1.2	–0.6

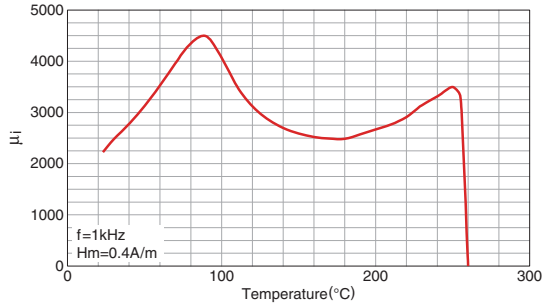
☐Core loss vs. temperature characteristics(Typ.)



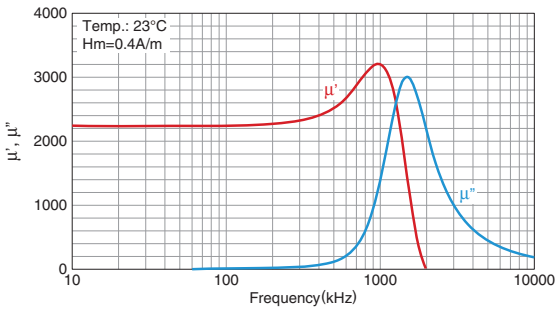
☐Saturation magnetic flux density vs. temperature characteristics(Typ.)



☐Initial magnetic permeability vs. temperature characteristics(Typ.)



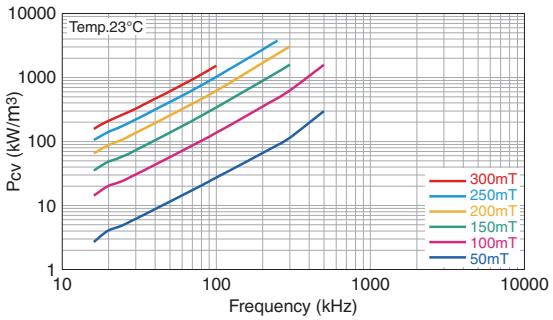
☐Magnetic permeability vs. frequency characteristics(Typ.)

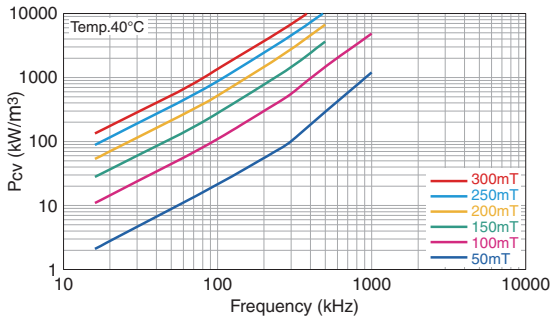


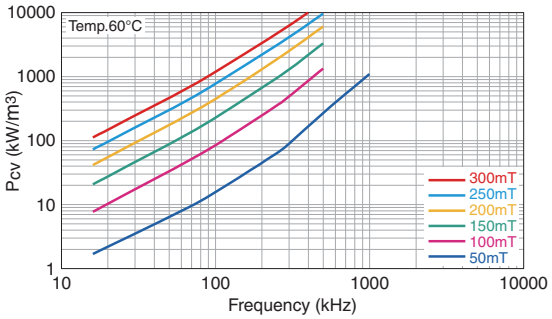
⚠ Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use.
Please note that the contents may change without any prior notice due to reasons such as upgrading.

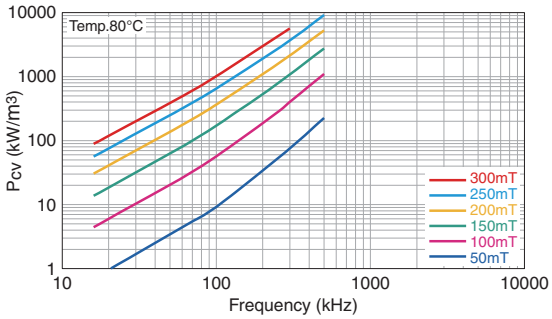
Mn-Zn Large Size Ferrite for High Power **Material List of PE90**

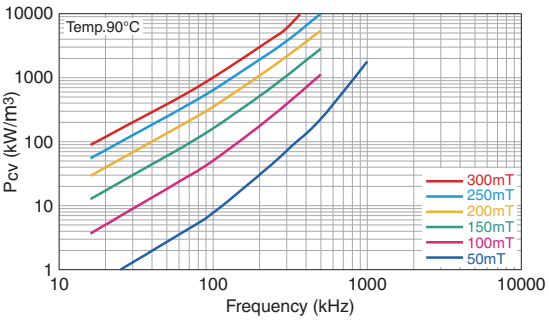
□Core loss vs. temperature characteristics

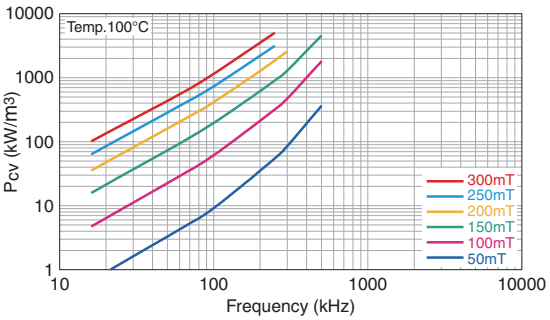


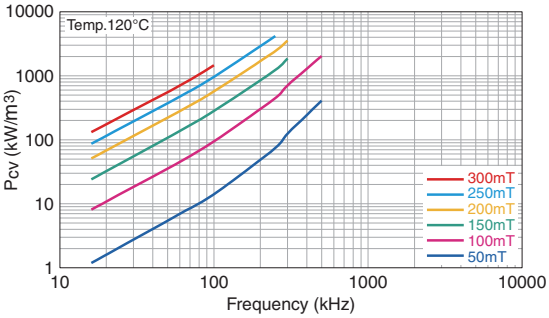












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