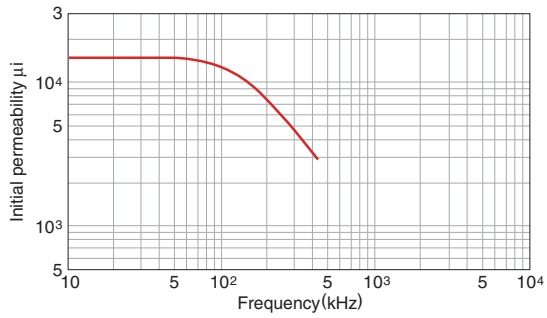
Mn-Zn Ferrite for Telecommunication **Material List of H5C3**

MATERIAL CHARACTERISTICS

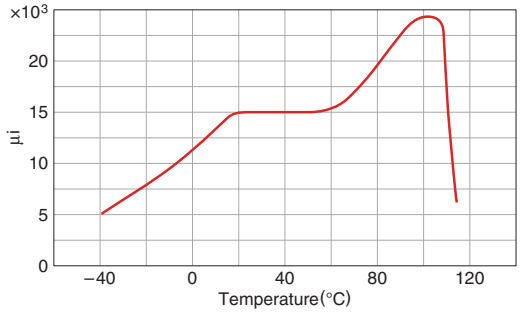
Initial permeability μi	Relative loss factor tanδ/μi ×10⁻⁶	Temperature factor of initial permeability αμir ×10⁻⁶ –30 to +20°C 0 to 20°C 20 to 70°C	Saturation magnetic flux density* Bs (mT) H=1194A/m 25°C	Remanent flux density* Br (mT) H=1194A/m 25°C	Coercive force* Hc (A/m) H=1194A/m 25°C	Curie temperature Tc (°C)	Hysteresis material constan ηB $\frac{10^{-6}}{mT}$	Disaccommodation factor DF ×10⁻⁶	Density* db (kg/m³) ×10³	Electrical resistivity* ρv (Ω • m)
15000±30%	<7.0(10kHz)	–0.5 to 1.5 — –0.5 to 1.5	360	105	4.4	>105	<0.5	<2	4.95	0.15

* Typ.

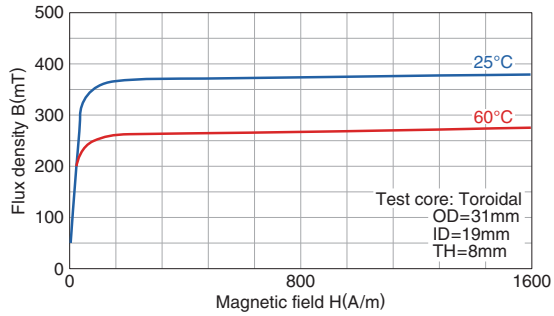
□μi frequency characteristics(Typ.)



□μi temperature characteristics(Typ.)



□B-H temperature characteristics(Typ.)



□tanδ/ μi frequency characteristics(Typ.)