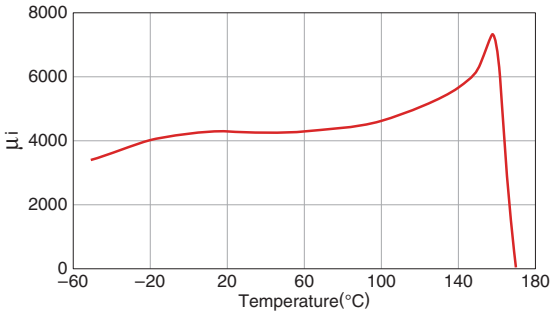
Mn-Zn Ferrite for Telecommunication **Material List of DNW45**

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)
4200±25%	<3.5	— — —	450	50	6.5	>150	<0.8	<3	4.85	0.65

* Typ.

□μi temperature characteristics(Typ.)



□μΔ temperature characteristics(Typ.)