

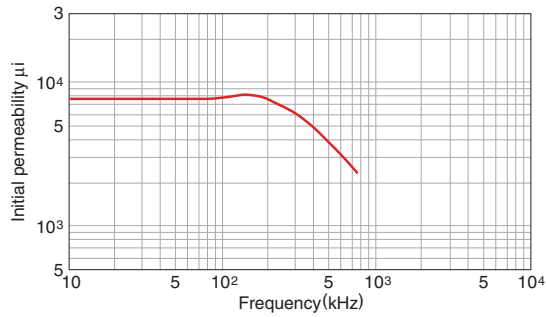
Mn-Zn Ferrite for Telecommunication **Material List of H5B2**

MATERIAL CHARACTERISTICS

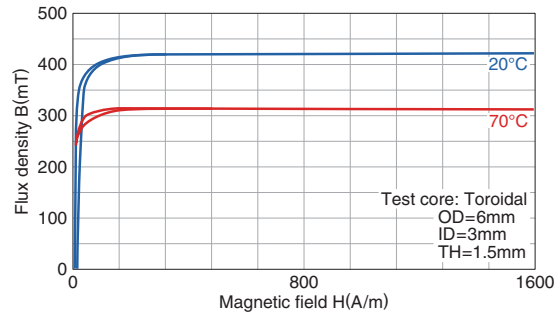
Initial permeability	Relative loss factor	Temperature factor of initial permeability	Saturation magnetic flux density*	Remanent flux density*	Coercive force*	Curie temperature	Hysteresis material constant	Disaccommodation factor	Density*	Electrical resistivity*
μ_i	$\tan\delta/\mu_i$ $\times 10^{-6}$	$\alpha_{\mu ir}$ $\times 10^{-6}$ -30 to +20°C 0 to 20°C 20 to 70°C	B_s (mT) H=1194A/m 25°C	B_r (mT) H=1194A/m 25°C	H_c (A/m) H=1194A/m 25°C	T_c (°C)	ηB $\frac{10^{-6}}{\text{mT}}$	DF $\times 10^{-6}$	db (kg/m ³) $\times 10^3$	ρv ($\Omega \cdot \text{m}$)
7500±25%	<6.5(10kHz)	0 to 1.8 — 0 to 1.8	420	40	5.6	>130	<1.0	<3	4.9	0.1

* Typ.

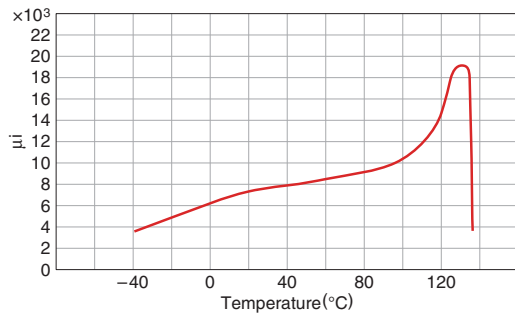
μ_i frequency characteristics(Typ.)



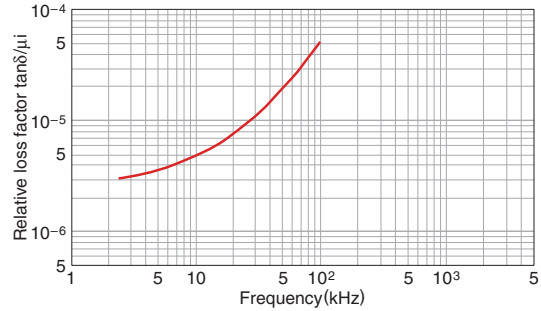
B-H temperature characteristics(Typ.)




μ_i temperature characteristics(Typ.)



$\tan\delta/\mu_i$ 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.