

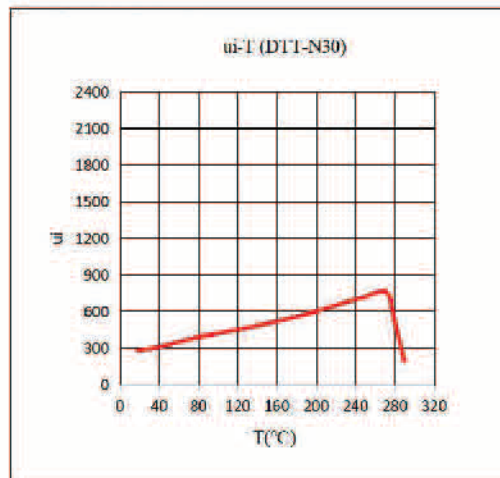


◆ DTT-N30

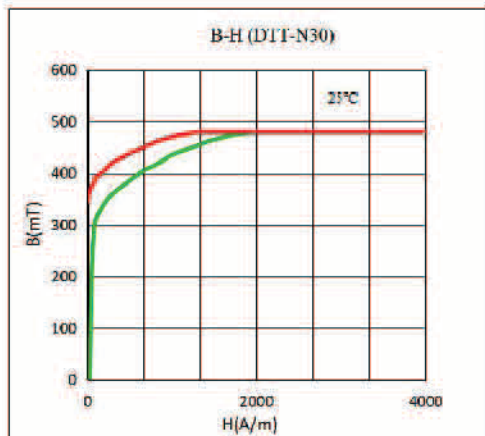
特性 Characteristics	单位 Unit	N30
初始磁导率 μ_i Initial permeability	—	300±25%
工作频率 f Working Frequency	MHz	0.05-3
比损耗因子 $\tan\delta/\mu_i^*$ Relative Loss Factor	$\times 10^{-6}$	40 (0.1MHz)
饱和磁通密度 B_s^* Saturation flux density	mT	480 (4000A/M)
剩磁 B_r^* Remanent flux density	mT	350
矫顽力 H_c^* Coercive force	A/m	65
比温度系数 $\alpha_{\mu r}^*$ Relative temperature Coefficient	$\times 10^{-6}/^{\circ}\text{C}$ 20°C~60°C	15-30
居里温度 T_c Curie temperature	$^{\circ}\text{C}$	> 250
电阻率 ρ^* Resistivity	$\Omega\cdot\text{m}$	$> 10^{-5}$
密度 D^* Density	g/cm^3	5.20
特点 Characteristic		

* : 典型值 Average value

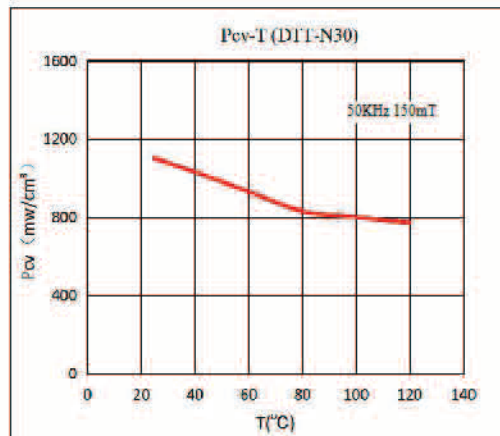
μ_i -T 特性曲线
 μ_i -T characteristic curve



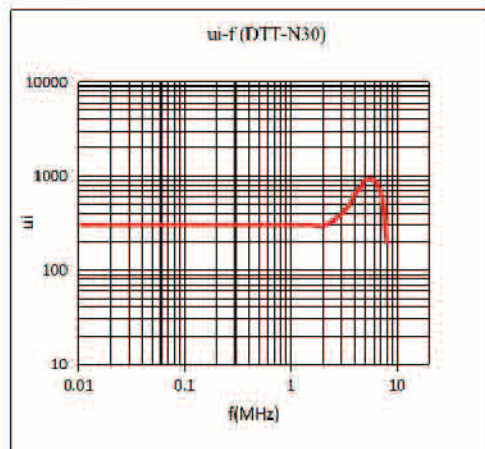
B-H 特性曲线
B-H characteristic curve



P_{cv} -T 特性曲线
 P_{cv} -T characteristic curve



μ_i -f 特性曲线
 μ_i -f characteristic curve



$\tan\delta/\mu_i$ -f 特性曲线
 $\tan\delta/\mu_i$ -f characteristic curve

