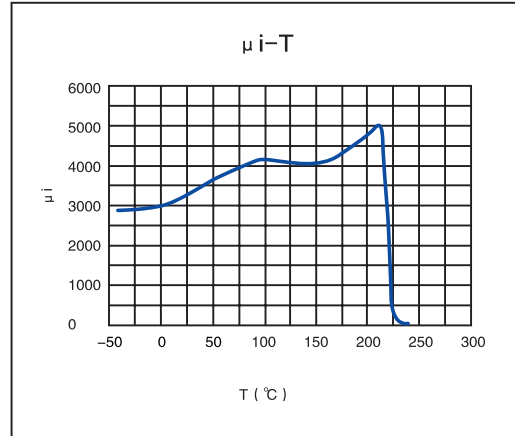


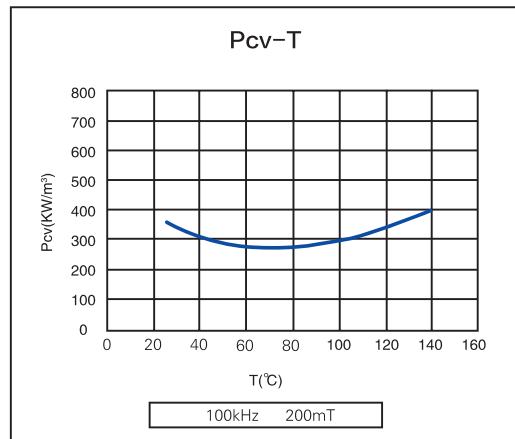
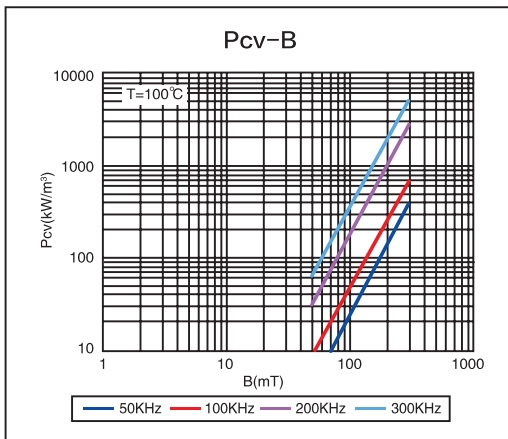
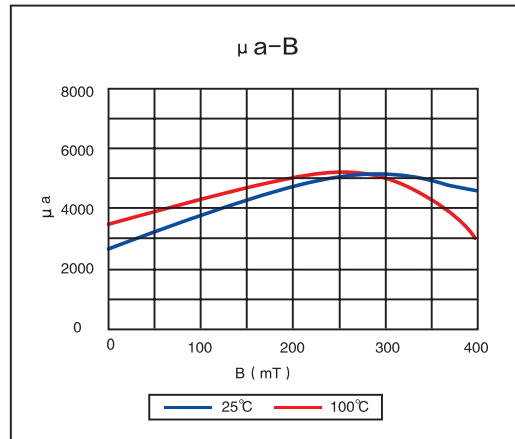
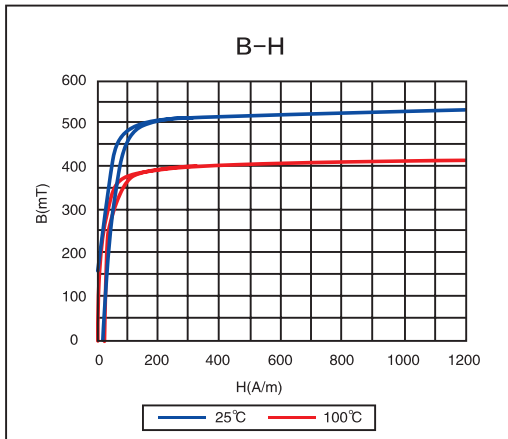


DTT-P95

特性 Characteristics	单位 Unit	测试条件 Test conditions		DTT-P95
初始磁导率 μ_i Initial permeability	-	10kHz 0.1mT	25°C	3300 ± 25%
振幅磁导率 μ_a * Amplitude permeability	-	25kHz 200mT	25°C	4600
			100°C	5000
饱和磁通密度 B_s * Saturation flux density	mT	H=1194A/m	25°C	530
			100°C	410
剩磁 B_r * Remanent flux density	mT	H=1194A/m	25°C	85
			100°C	60
矫顽力 H_c * Coercive force	A/m	H=1194A/m	25°C	9.5
			100°C	6.5
功耗 P_{cv} * Power loss	kw/m ³	100kHz 200mT	25°C	350
			60°C	280
			80°C	270
			100°C	290
			120°C	350
			140°C	400
居里温度 T_c Curie temperature	°C			≥ 230
电阻率 ρ * Resistivity	$\Omega \cdot m$			4
密度 D^* Density	g/cm ³			4.8



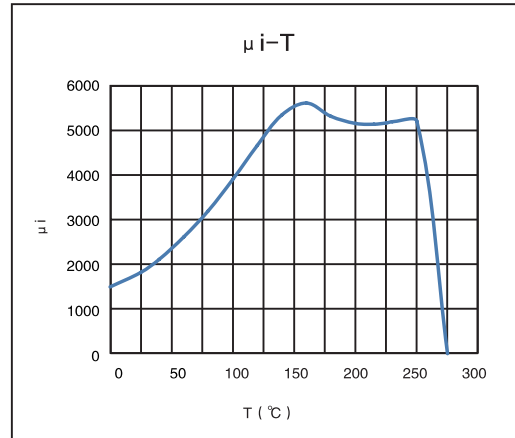
*: 典型值 Average value



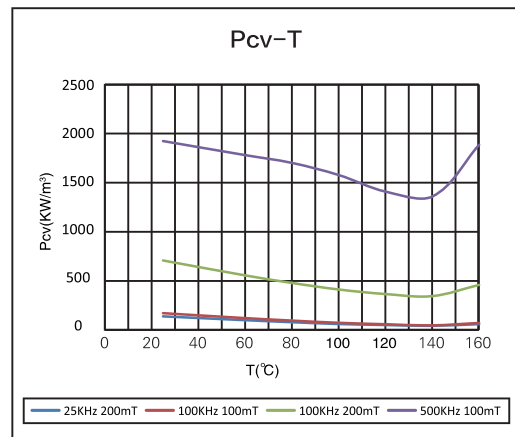
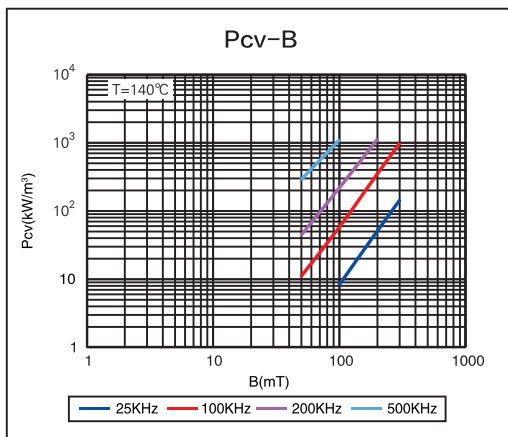
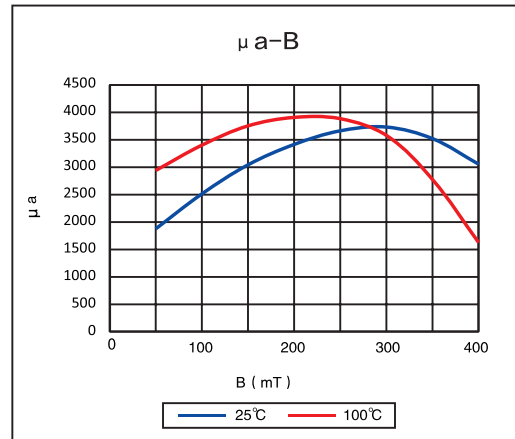
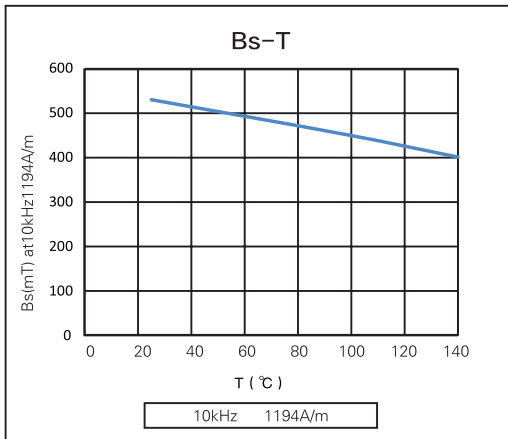


DTT-P4D

特性 Characteristics	单位 Unit	测试条件 Test conditions	DTT-P4D
初始磁导率 μ_i Initial permeability	-	25kHz 0.25mT	25°C 1800 ± 25%
振幅磁导率 μ_a^* Amplitude permeability	-	"25kHz 400mT"	25°C 3100
			100°C 1600
饱和磁通密度 B_s^* Saturation flux density	mT	H=1194A/m	25°C 530
			100°C 450
功耗 P_{cv}^* Power loss	kw/m ³	25kHz 200mT	25°C 130
			100°C 63
		100kHz 200mT	25°C 700
			100°C 415
居里温度 T_c Curie temperature	°C		≥250
电阻率 ρ^* Resistivity	Ω·m		6.5
密度 D^* Density	g/cm ³		4.8



*: 典型值 Average value





DTT-P4T

特性 Characteristics	单位 Unit	测试条件 Test conditions			DTT-P4T
		Freq.	Flux den.	Temp.	
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT	0.25mT	25°C	4300 ± 25%
比损耗系数 $\tan \delta / \mu_i$ Relative loss factor	10^{-6}	10kHz	< 0.25mT	25°C	< 10
		100kHz		25°C	< 10
饱和磁通密度 B_s Saturation flux density	mT	10kHz	H=1200A/m	25°C	460
				100°C	300
剩磁 B_r Remanence flux density	mT	10kHz	H=1200A/m	25°C	65
				100°C	60
温度系数 αF Temperature factor of permeability	$10^{-6}/^\circ\text{C}$	10kHz	< 0.25mT	0~20°C	1~2
				20~70°C	-1~-1
磁滞损耗因子 ηB Hysteresis material constant	$10^{-6}/\text{mT}$	10kHz	1.5~3.0mT	25°C	< 0.5
减落因子 D_f Disaccommodation factor	10^{-6}	10kHz	< 0.25mT	25°C	< 2
居里温度 T_c Curie temperature	°C				≥ 160
电阻率 ρ^* Resistivity	$\Omega \cdot \text{m}$				0.20
密度 D^* Density	g/cm^3				4.85

*: 典型值 Average value

