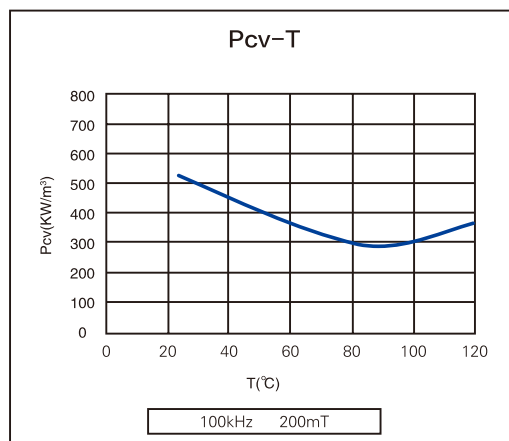
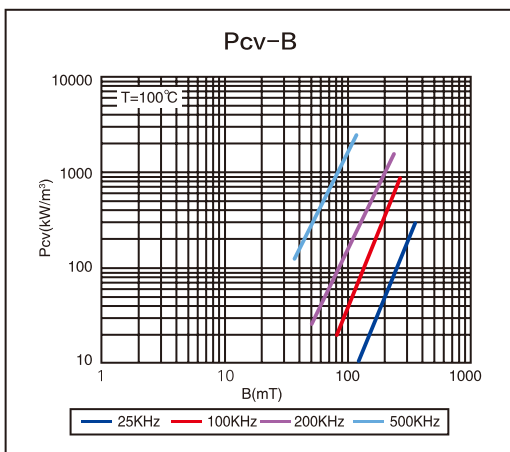
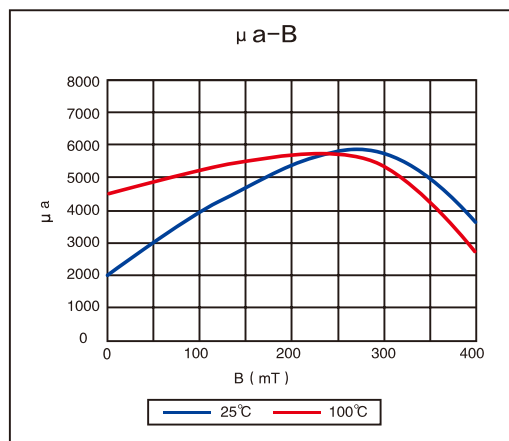
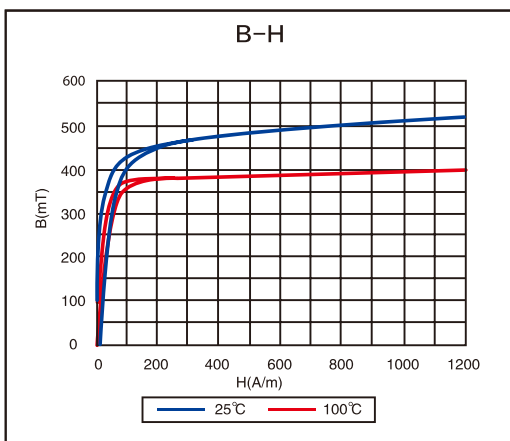
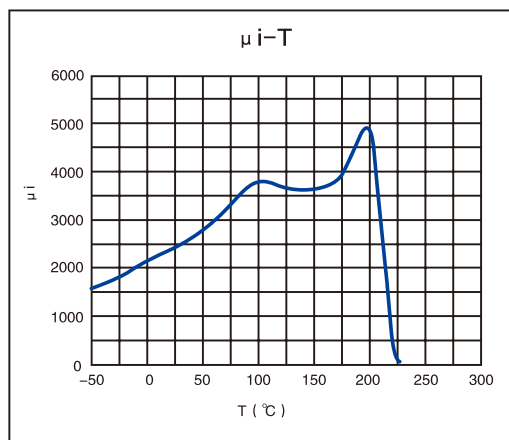


DTT-P4

特性 Characteristics	单位 Unit	测试条件 Test conditions	DTT-P4
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT 25℃	2400 ± 25%
振幅磁导率 μ_a^* Amplitude permeability	—	10kHz 400mT	25℃ 3600 100℃ 2800
饱和磁通密度 B_s^* Saturation flux density	mT	H=1194A/m	25℃ 520 100℃ 400
剩磁 B_r^* Remanent flux density	mT		25℃ 82 100℃ 41
矫顽力 H_c^* Coercive force	A/m		25℃ 13 100℃ 7
功耗 P_{cv}^* Power loss	kw/m ³		25℃ 530 60℃ 380 80℃ 300 100℃ 310 120℃ 360
居里温度 T_c Curie temperature	℃		≥ 215
电阻率 ρ^* Resistivity	$\Omega \cdot m$		6.5
密度 D^* Density	g/cm ³		4.8

*: 典型值 Average value

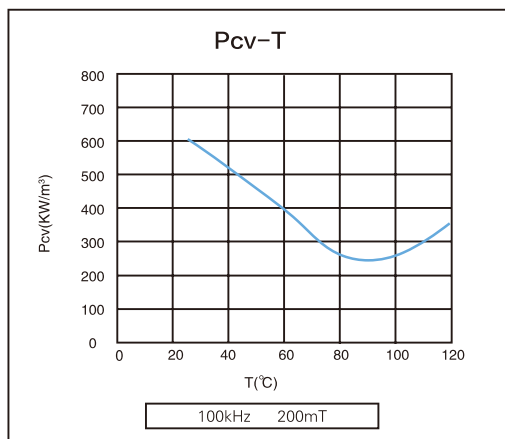
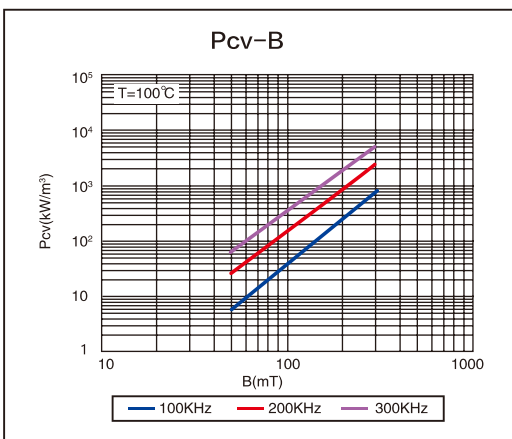
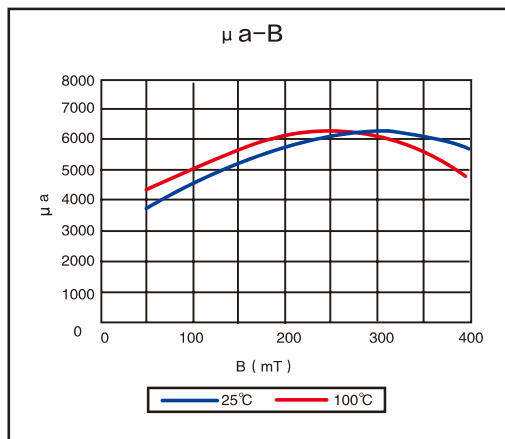
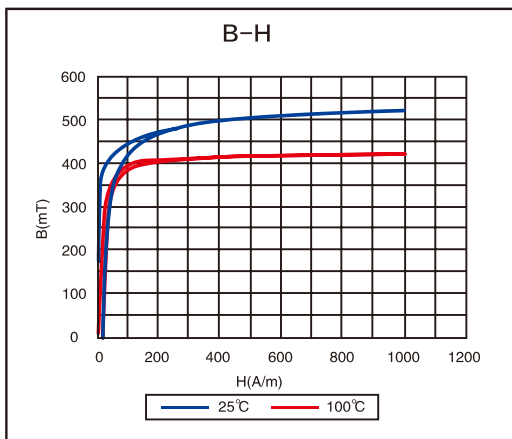
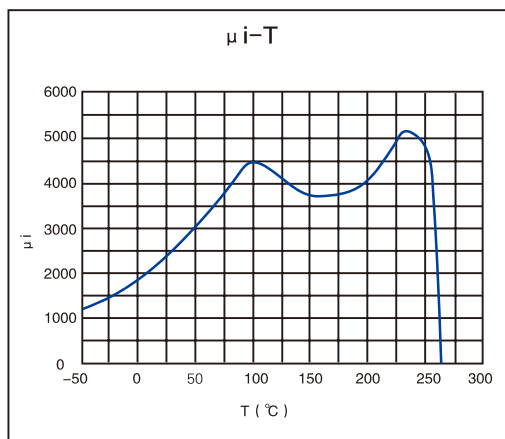




DTT-P47

特性 Characteristics	单位 Unit	测试条件 Test conditions		DTT-P47
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT	25℃	2500 ± 25%
振幅磁导率 μ_a^* Amplitude permeability	—	10kHz 400mT	25℃	5600
			100℃	4700
饱和磁通密度Bs* Saturation flux density	mT	H=1194A/m	25℃	530
			100℃	420
剩磁Br* Remanent flux density	mT		25℃	180
			100℃	60
矫顽力Hc* Coercive force	A/m		25℃	13
			100℃	6
功耗 Pcv* Power loss	kw/m³		25℃	600
			60℃	400
		80℃	250	
		100℃	260	
		120℃	360	
居里温度Tc Curie temperature	℃			≥230
电阻率 ρ * Resistivity	Ω•m			4
密度D* Density	g/cm³			4.9

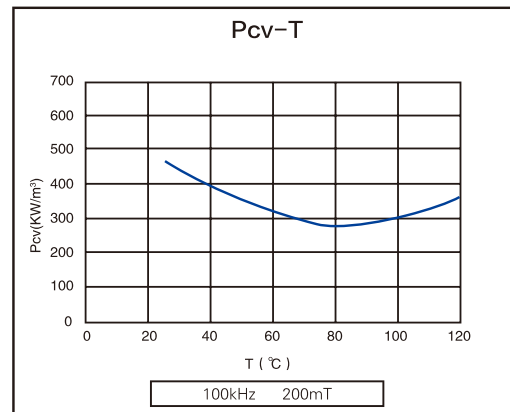
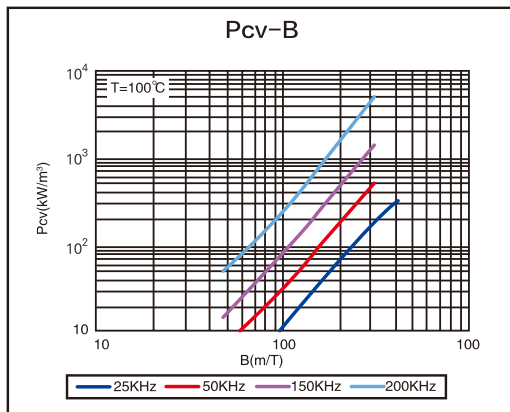
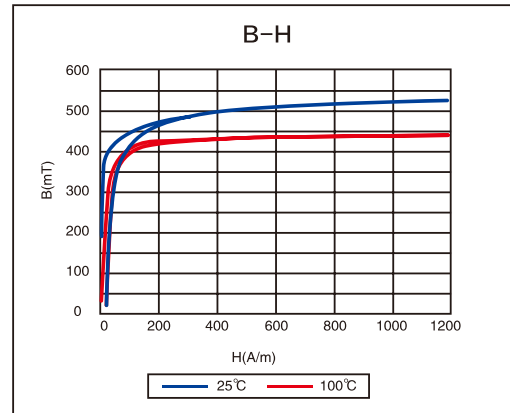
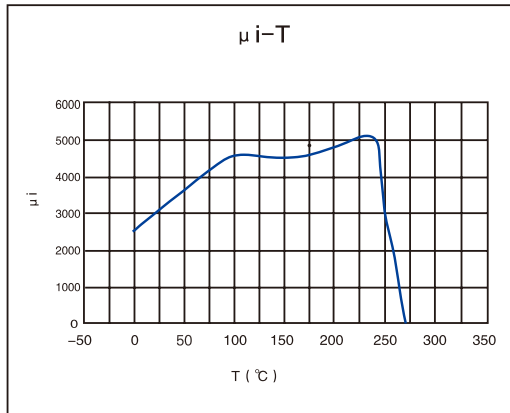
*: 典型值 Average value



DTT-P4A

特性 Characteristics	单位 Unit	测试条件 Test conditions		DTT-P4A
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT	25℃	2500 ± 25%
振幅磁导率 μ_a^* Amplitude permeability	—	10kHz 400mT	25℃	5500
			100℃	4000
饱和磁通密度 B_s^* Saturation flux density	mT	H=1194A/m	25℃	520
			100℃	420
剩磁 B_r^* Remanent flux density	mT		25℃	200
			100℃	160
矫顽力 H_c^* Coercive force	A/m		25℃	20
			100℃	17
功耗 P_{cv}^* Power loss	kw/m ³	100kHz 200mT	25℃	470
			60℃	350
			80℃	280
			100℃	300
			120℃	360
居里温度 T_c Curie temperature	℃			≥ 240
电阻率 ρ^* Resistivity	$\Omega \cdot m$			6.5
密度 D^* Density	g/cm ³			4.8

*: 典型值 Average value

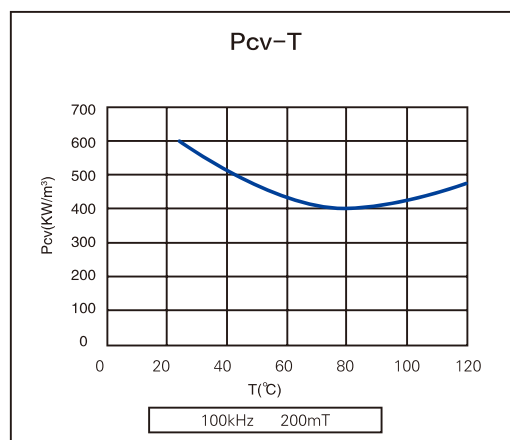
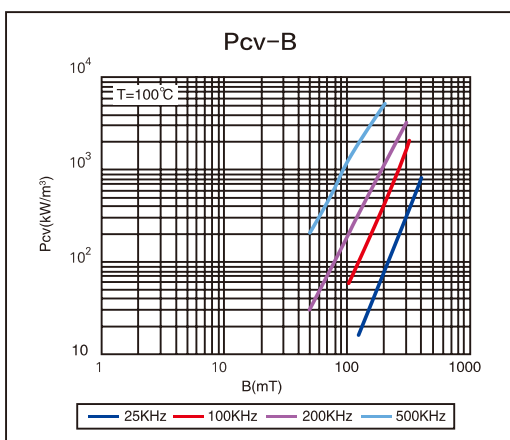
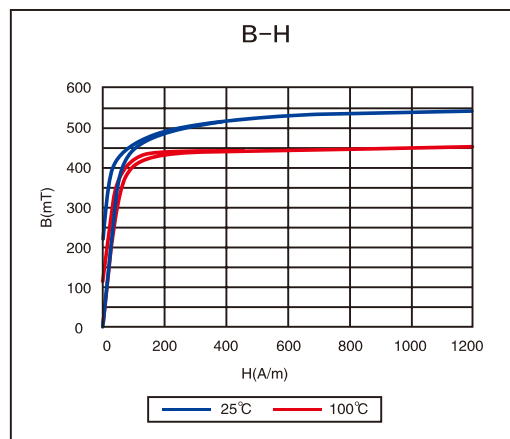
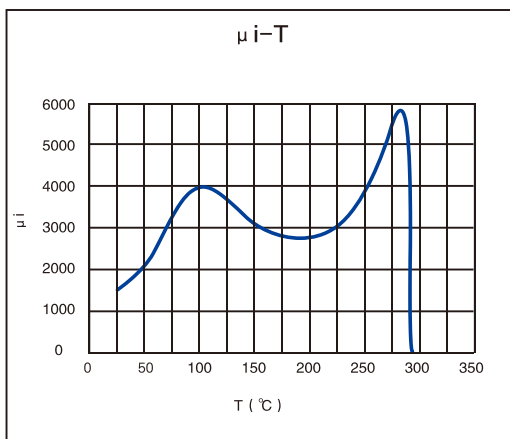




DTT-D90

特性 Characteristics	单位 Unit	测试条件 Test conditions		DTT-D90
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT	25℃	1500 ± 25%
饱和磁通密度Bs* Saturation flux density	mT	H=1194A/m	25℃	540
			100℃	450
功耗 Pcv* Power loss	kw/m ³	100kHz 200mT	25℃	600
			60℃	450
			80℃	400
			100℃	430
			120℃	480
居里温度Tc Curie temperature	℃			≥280
电阻率 ρ * Resistivity	$\Omega \cdot m$			6
密度D* Density	g/cm ³			4.85

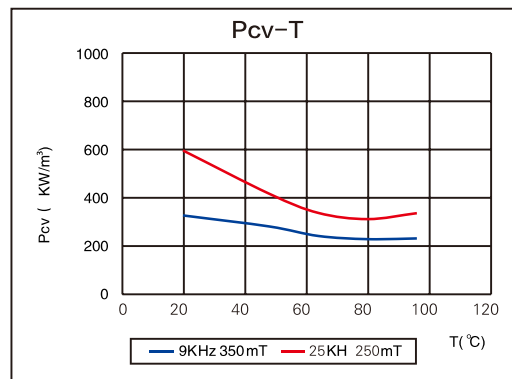
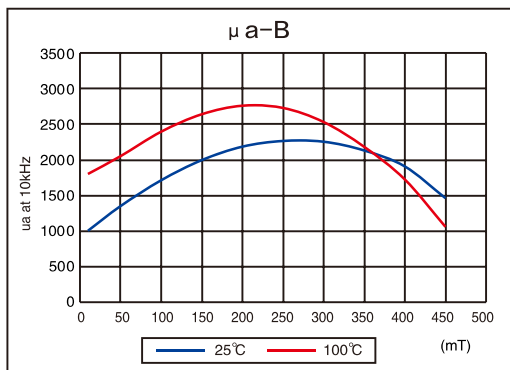
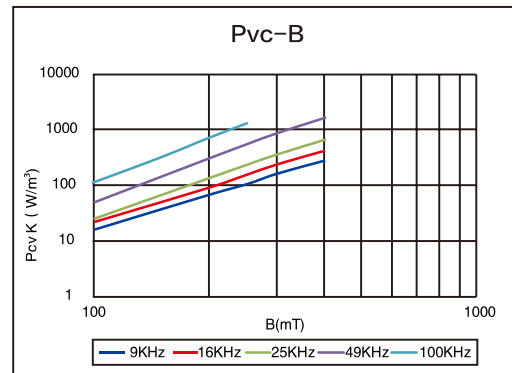
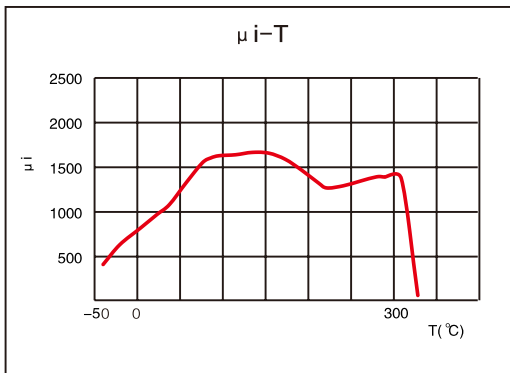
*: 典型值Average value



DTT-D9B

特性 Characteristics	单位 Unit	测试条件 Test conditions		DTT-D9B
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT	25℃	800 ± 25%
振幅磁导率 μ_a^* Amplitude permeability	—	10kHz 450mT	25℃	1500
			100℃	1050
饱和磁通密度 B_s^* Saturation flux density	mT	H=1194A/m	25℃	620
			100℃	530
饱和磁通密度 B_s^* Saturation flux density	mT	H=250A/m	25℃	510
			100℃	460
功耗 P_{cv}^* Power loss	kw/m ³	9kHz 350mT	25℃	340
			100℃	240
		16kHz 300mT	25℃	440
			100℃	270
		25kHz 250mT	25℃	520
			100℃	330
		49kHz 200mT	25℃	650
			100℃	490
居里温度 T_c Curie temperature	℃			≥300
电阻率 ρ^* Resistivity	$\Omega \cdot m$			8
密度 D^* Density	g/cm ³			5

*: 典型值 Average value

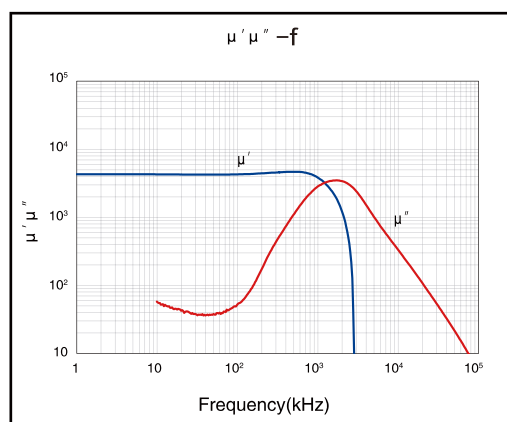
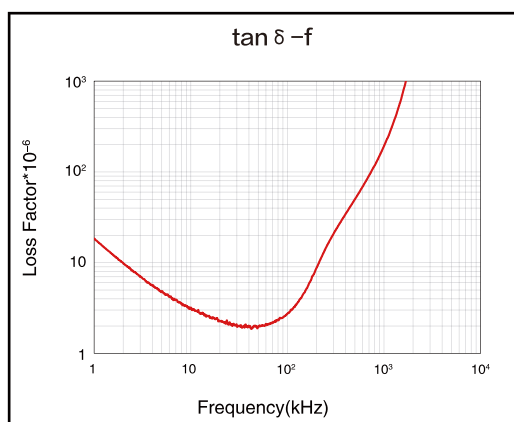
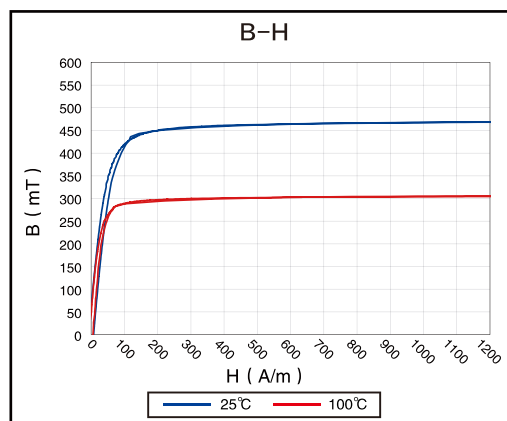
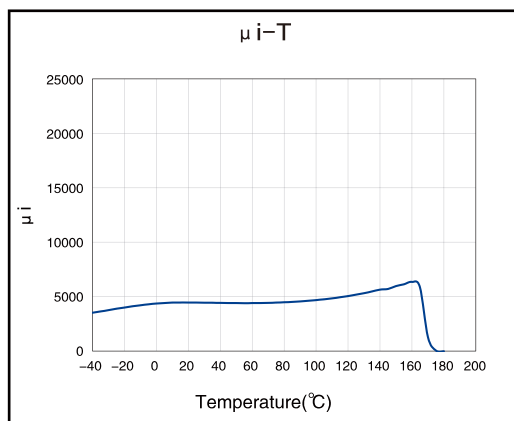




DTT-P4T

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℃	4300 ± 25%
比损耗系数 $\tan \delta / \mu_i$ Relative loss factor	10^{-6}	10kHz	< 0.25mT	25℃	< 10
		100kHz		25℃	< 10
饱和磁通密度 B_s Saturation flux density	mT	10kHz	H=1200A/m	25℃	460
				100℃	300
剩磁 B_r Remanence flux density	mT	10kHz	H=1200A/m	25℃	65
				100℃	60
温度系数 α_F Temperature factor of permeability	$10^{-6}/^\circ\text{C}$	10kHz	< 0.25mT	0~20℃	1~2
				20~70℃	-1~1
磁滞损耗因子 η_B Hysteresis material constant	$10^{-6}/\text{mT}$	10kHz	1.5~3.0mT	25℃	< 0.5
减落因子 D_F Disaccommodation factor	10^{-6}	10kHz	< 0.25mT	25℃	< 2
居里温度 T_c Curie temperature	℃				≥ 160
电阻率 ρ^* Resistivity	$\Omega \cdot \text{m}$				0.20
密度 D^* Density	g/cm^3				4.85

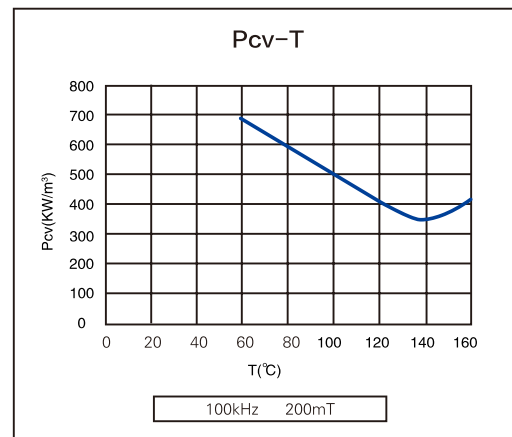
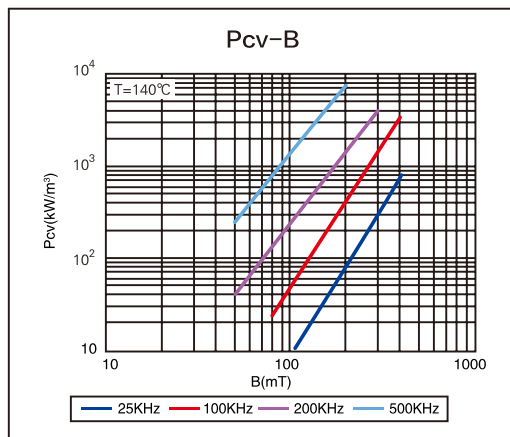
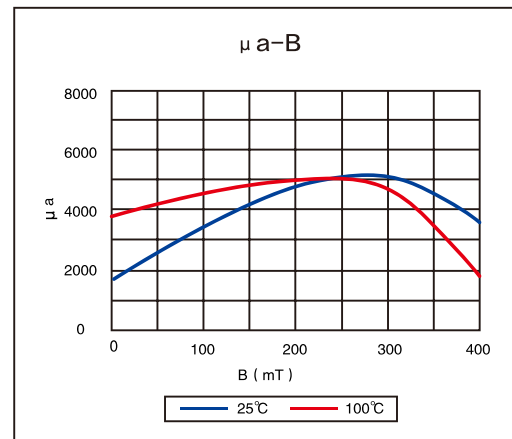
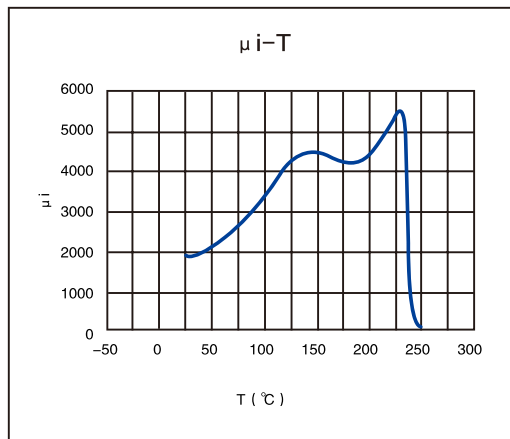
*: 典型值 Average value



DTT-P4D

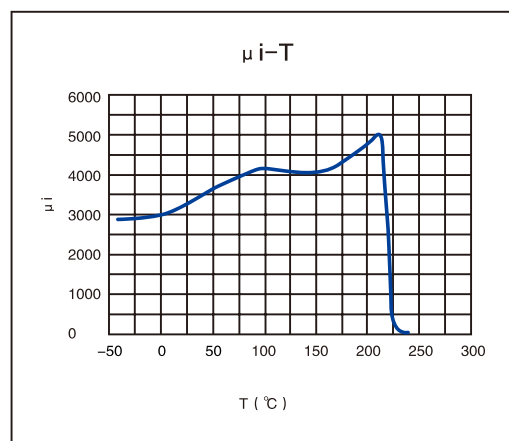
特性 Characteristics	单位 Unit	测试条件 Test conditions		DTT-P4D
初始磁导率 μ_i Initial permeability	—	10kHz 0.1mT	25℃	1800 ± 25%
振幅磁导率 μ_a Amplitude permeability	—	25kHz 200mT	25℃	4700
			100℃	5000
饱和磁通密度 B_s Saturation flux density	mT	H=1194A/m	25℃	520
			100℃	430
功耗 P_{cv} Power loss	kw/m ³	100kHz 200mT	60℃	700
			80℃	600
			100℃	500
			120℃	400
			140℃	350
			160℃	420
				≥ 240
电阻率 ρ Resistivity	$\Omega \cdot m$			6.5
密度 D Density	g/cm ³			4.8

*: 典型值 Average value



**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℃	3300 ± 25%	
振幅磁导率 μ_a^* Amplitude permeability	—	25kHz 200mT	25℃	4600	
			100℃	5000	
饱和磁通密度Bs* Saturation flux density	mT	H=1194A/m	25℃	530	
			100℃	410	
剩磁Br* Remanent flux density	mT		25℃	85	
			100℃	60	
矫顽力Hc* Coercive force	A/m		25℃	9.5	
			100℃	6.5	
功耗 Pcv* Power loss	kw/m³		100kHz 200mT	25℃	350
				60℃	280
		80℃		270	
		100℃		290	
		120℃		350	
		140℃		400	
居里温度Tc Curie temperature	℃			≥230	
电阻率 ρ^* Resistivity	$\Omega \cdot m$			4	
密度D* Density	g/cm³			4.8	



*: 典型值Average value

