

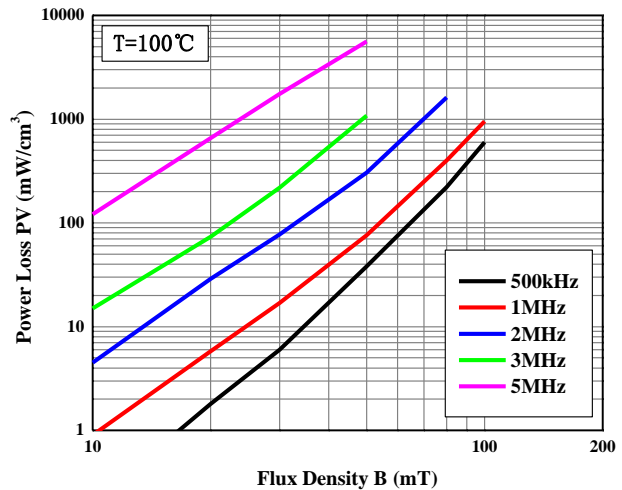
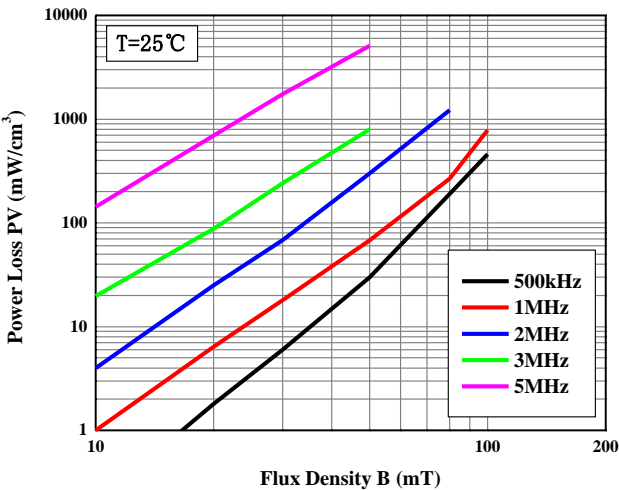
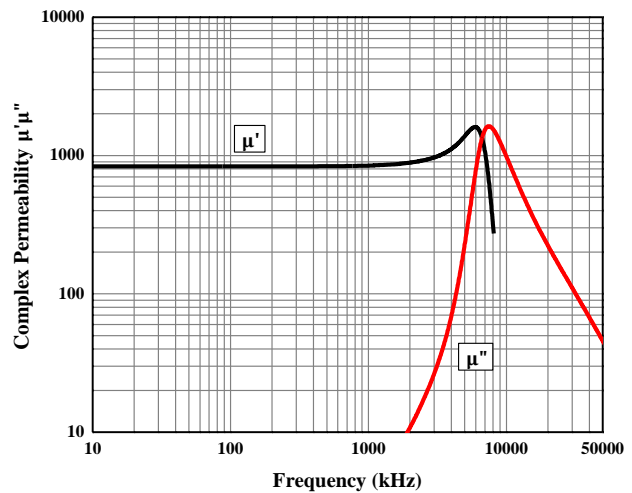
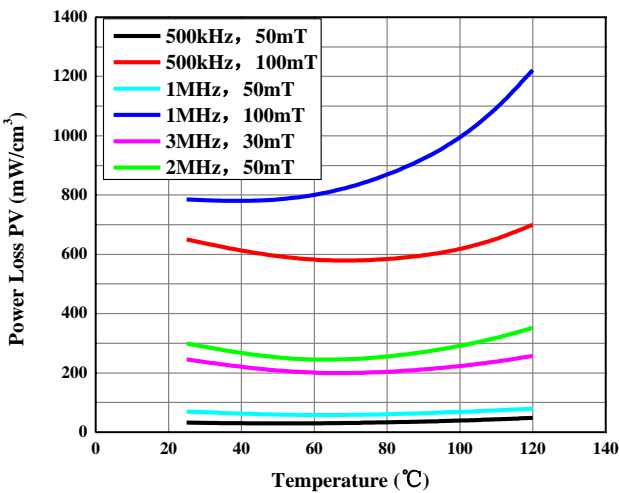
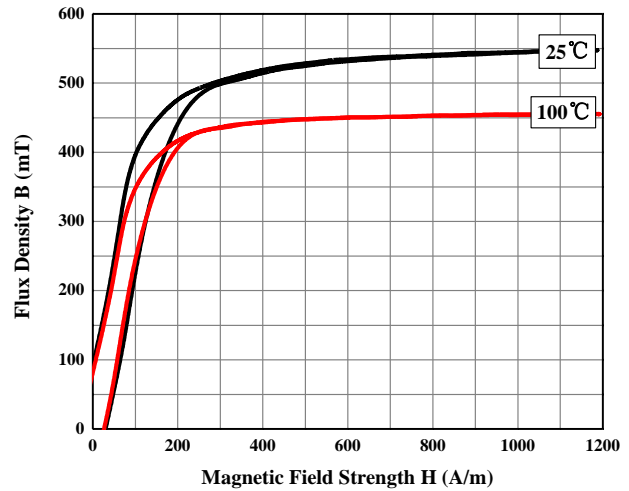
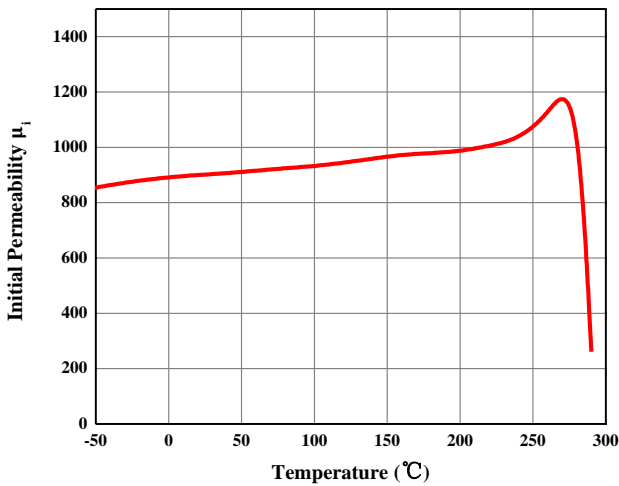
# DMR53 材料特性

## DMR53 Material Characteristic

特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE	
初始磁导率 $\mu_i$ Initial Permeability	10kHz, <0.25mT	25°C	900±25%	
饱和磁感应强度 $B_s$ (mT) Saturation Magnetic Flux Density	50Hz, 1194A/m	25°C	560	
		100°C	460	
功耗 $P_v$ (mW/cm <sup>3</sup> ) Power Loss	500KHz, 100mT	25°C	650	
		100°C	600	
	1MHz, 50mT	25°C	70	
		100°C	70	
	2MHz, 50mT	25°C	300	
		100°C	300	
	3MHz, 30mT	25°C	230	
		100°C	200	
	居里温度 $T_c$ (°C) Curie Temperature	10kHz, <0.25mT		>280
	密度 $d$ (g/cm <sup>3</sup> ) Density		25°C	4.8

以上数据是根据标准样环  $\phi 12.5 \times \phi 7.5 \times 7$  获得的典型数据，有关产品的具体性能会在此基础上有所调整。功耗测试仪器：高频测试平台（测试原理：相位差为零）。

The above typical data are calculated from the standard toroid core. Specific performance of the product will be adjusted on this basis. Power loss testing instrument: High frequency testing platform (Test principle: zero phase difference).



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