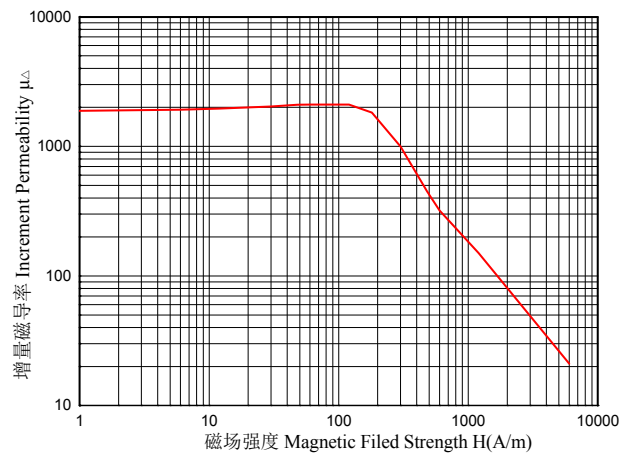
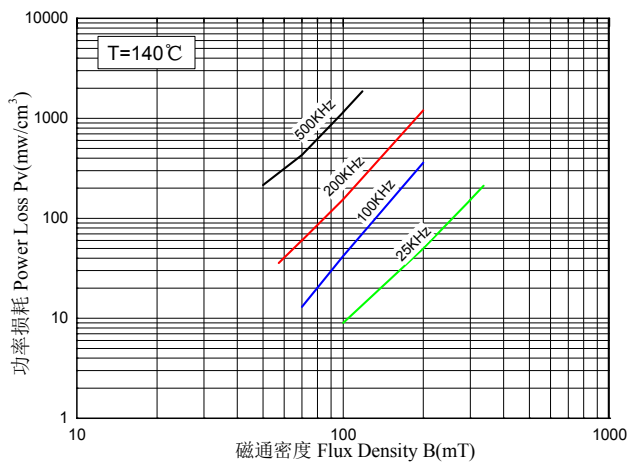
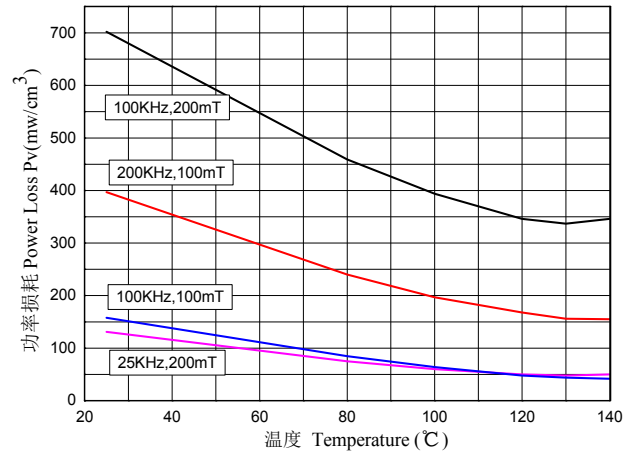
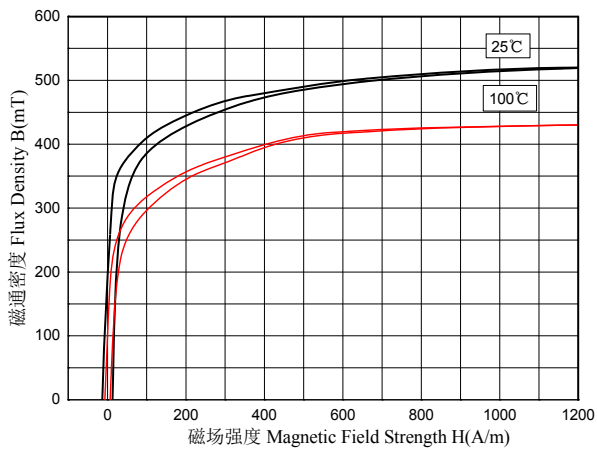
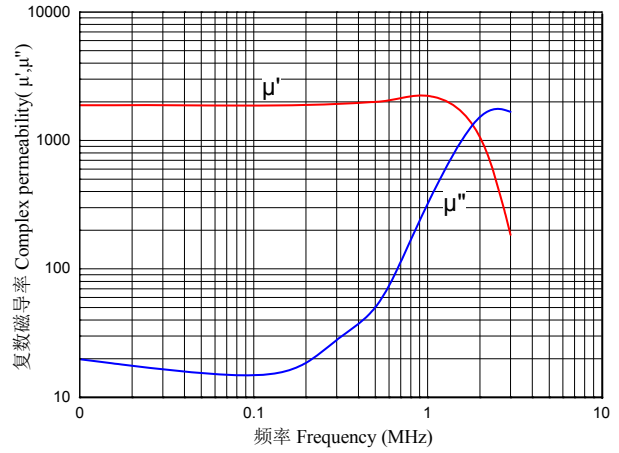
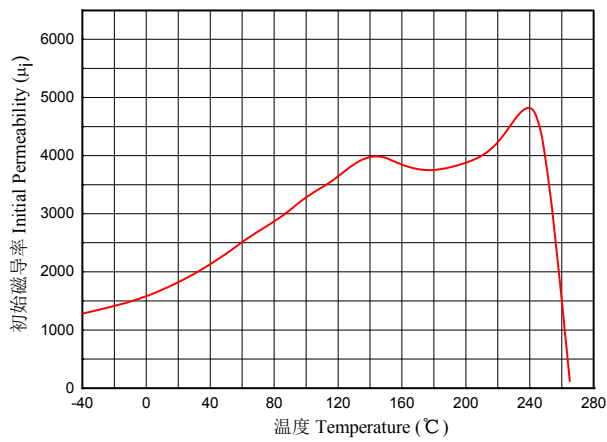




DMR25 材料特性

DMR25 Material Characteristics

特性 Symbol	测试条件 Conditions		典型值 Value
初始磁导率 μ_i Initial permeability	10kHz, B<0.25mT	25°C	1800±25%
振幅磁导率 μ_a Amplitude permeability	25 kHz, 200mT	100°C	≈5000
饱和磁感应强度 B_s (mT) Saturation magnetic flux density	50Hz, 1194A/m	25°C	520
		100°C	430
		140°C	360
功耗 P_v (mW/cm ³) Power loss	100 kHz, 100mT	140°C	≤50
	100 kHz, 200mT	140°C	≤350
	500 kHz, 50mT	140°C	≤300
电阻率 ($\Omega \cdot m$) Resistivity		25°C	≈5
居里温度 T_c (°C) Curie Temperature	10kHz, B<0.25mT		≥240
密度 d (g/cm ³) Density		25°C	4.9



以上数据是根据标准样环 $\phi 25 \times \phi 15 \times 8$ 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。

The above typical data are calculated from the standard toroid core. Specific performance of the product will be adjusted on this basis.