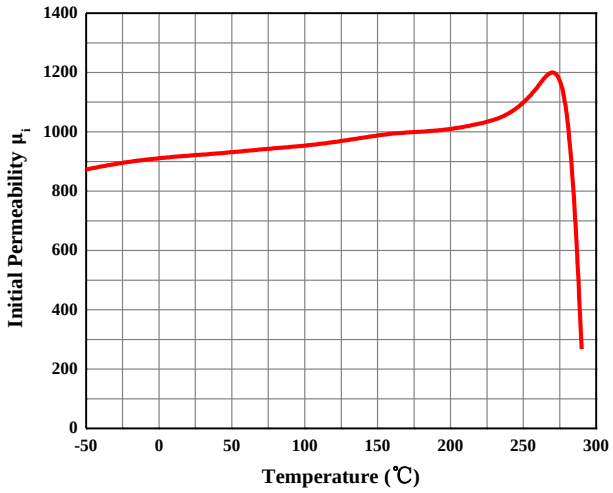
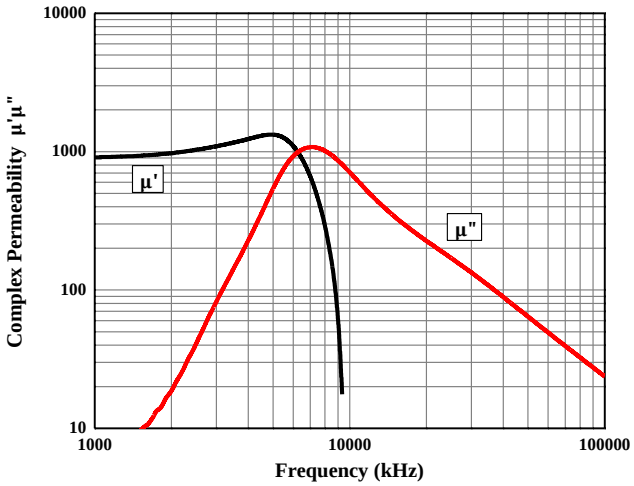
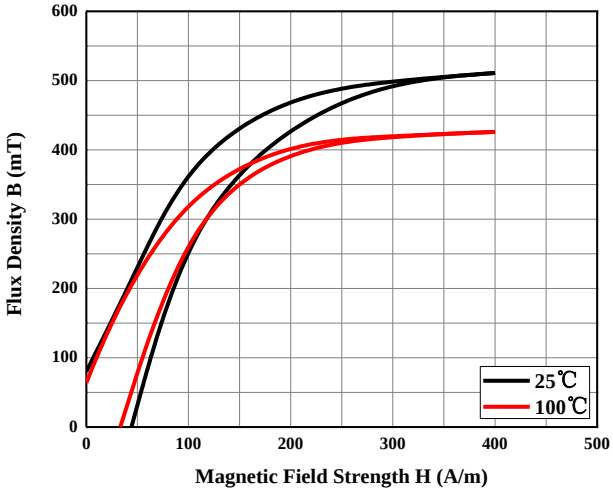
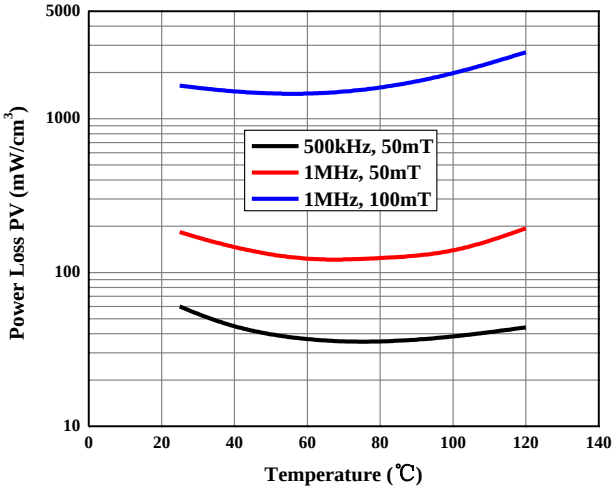
DMR51H 材料特性
DMR51H Material Characteristics

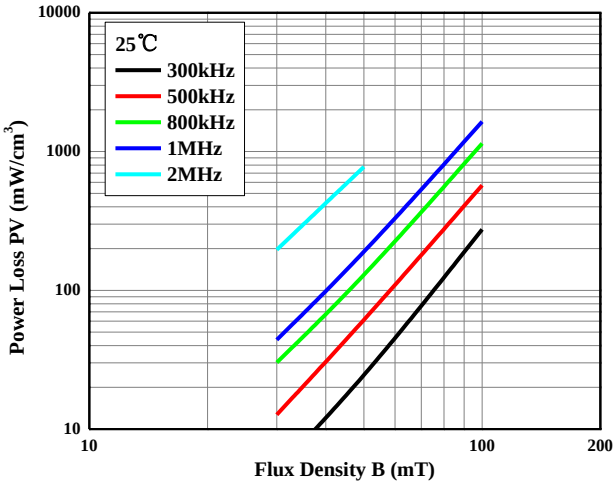
特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μ_i Initial Permeability	10kHz, <0.25mT	25℃	900±20%
饱和磁感应强度 Bs (mT) Saturation Magnetic Flux Density	50Hz, 1194A/m	25℃	500
		100℃	410
矫顽力 Hc（A/m） Coercive Force		25℃	45
		100℃	38
工作频率 f (kHz) Working Frequency			500~2000
磁滞常数 η_B ($\times10^{-6}$/mT) Hysteresis Material Constant	10kHz, 1.5~3.0mT	25℃	＜0.4
功耗 Pv (mW/cm^3) Power Loss	1MHz, 100mT	80℃	2500
		100℃	2500
		120℃	3000
居里温度 Tc (℃) Curie Temperature	10kHz, <0.25mT		290
密度 d (g/cm^3) Density		25℃	4.7

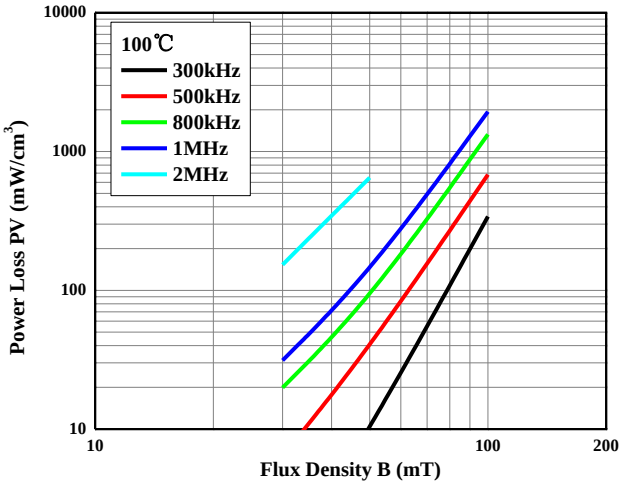












以上数据是根据标准样环 φ12.5×φ7.5×7 获得的典型数据，有关产品的具体性能会在此基础上有所调整。

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