DMR51W 材料特性
DMR51W Material Characteristic

特性 CHARACTERISTICS	测试条件 CONDITIONS		典型值 VALUE
初始磁导率 μ_i Initial Permeability	10kHz, B<0.25mT	25℃	900±25%
饱和磁感应强度 Bs (mT) Saturation Magnetic Flux Density	50Hz, 1194A/m	25℃	500
		100℃	430
剩磁 Br (mT) Residual Magnetic Flux Density		25℃	120
		100℃	80
矫顽力 Hc (A/m) Coercive Force		25℃	45
		100℃	38
功耗 Pv (mW/cm^3) Power Loss	1MHz, 50mT	25℃	100
		100℃	100
	3MHz, 10mT	25℃	40
		100℃	45
	3MHz, 30mT	25℃	430
		100℃	400
	5MHz, 9mT	25℃	150
		100℃	170
居里温度 Tc (℃) Curie Temperature	f=10kHz, B<0.25mT		>290
密度 d (g/cm^3) Density		25℃	4.7

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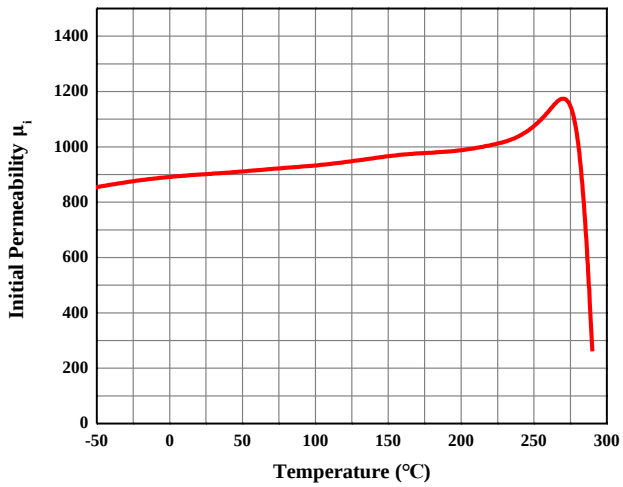

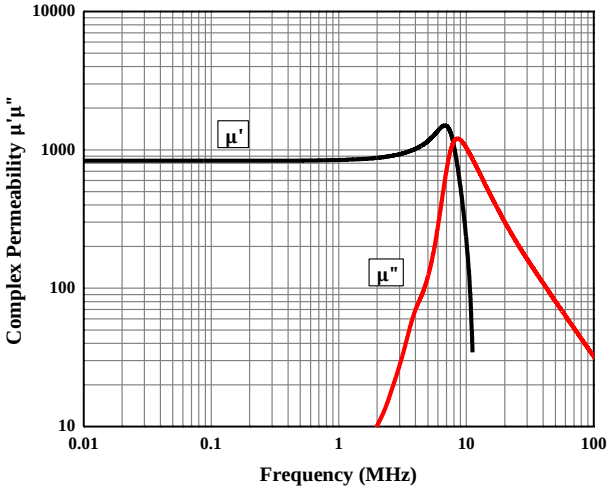

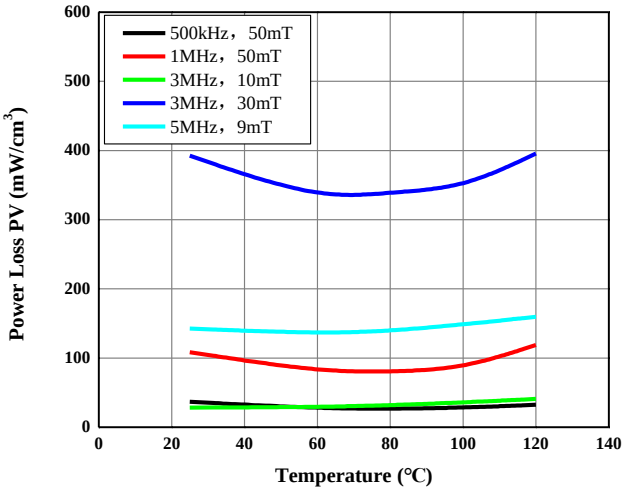

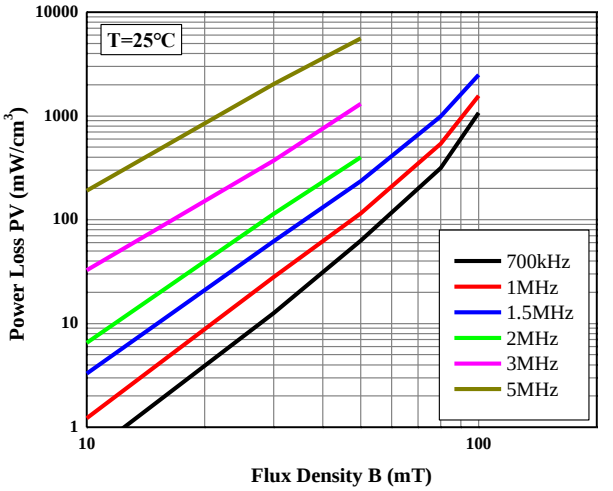

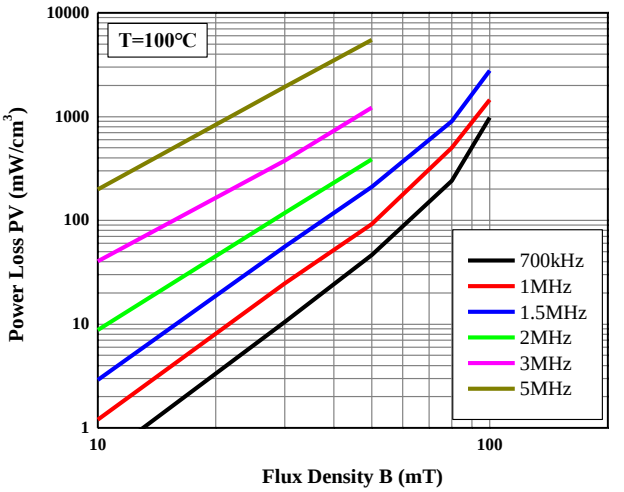

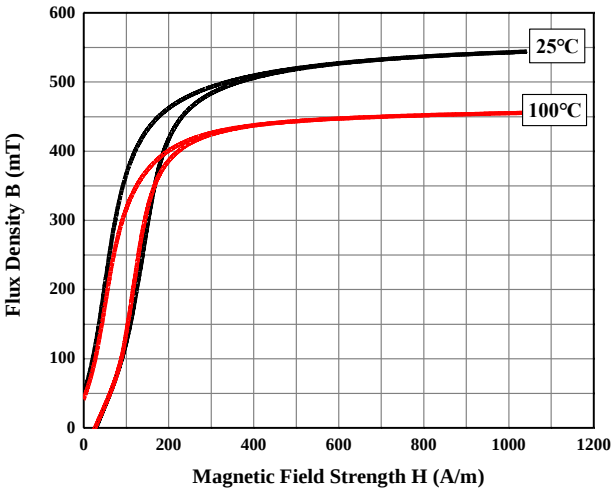

以上数据是根据标准样环 φ12.5×φ7.5×7 获得的典型数据，有关产品的具体性能会在此基础上有所调整。注：损耗测试仪器为 SY8218（N1=N2=3Ts）

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