

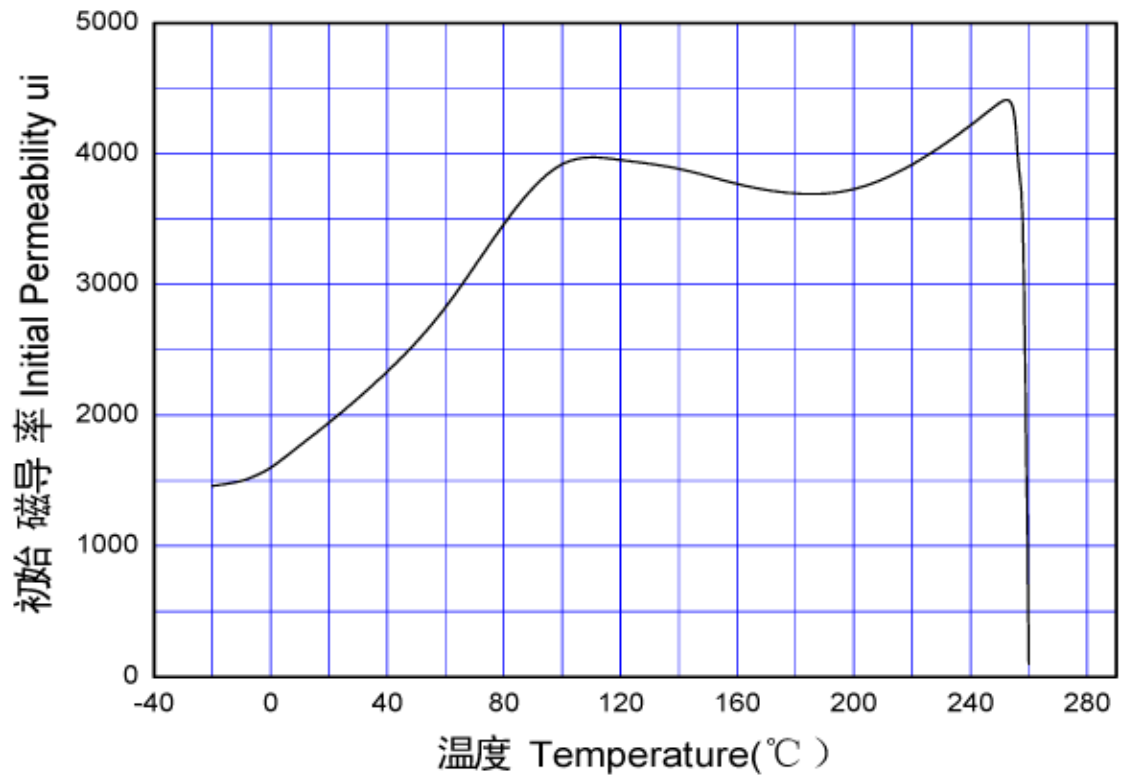
F55 材料特性表

Survey of material characteristics

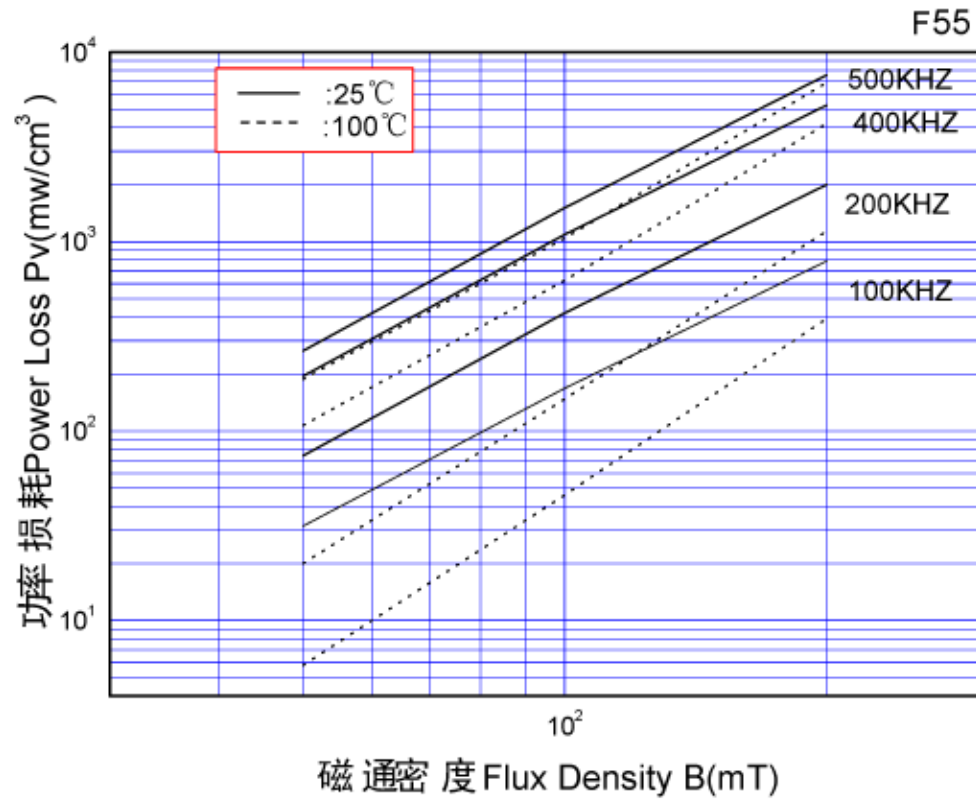
parameter	measuring conditions	value	General value
μ_i	25°C, 10KHz, 0.1mT	1800±20%	1800
B _s (mT)	25°C, 50Hz, 1194A/m	≥500	510
	100°C, 50Hz, 1194A/m	≥410	415
P _v (KW/m ³)	100°C, 200KHz, 100mT	≤170	150
	100°C, 300KHz, 100mT	≤360	330
	100°C, 400KHz, 50mT	≤115	105
	100°C, 500KHz, 50mT	≤200	180
H _c (A/m)	25°C		18
	100°C		9
T _c (°C)		≥250	255
d (Kg/m ³)			4800

Initial permeability versus Temperature

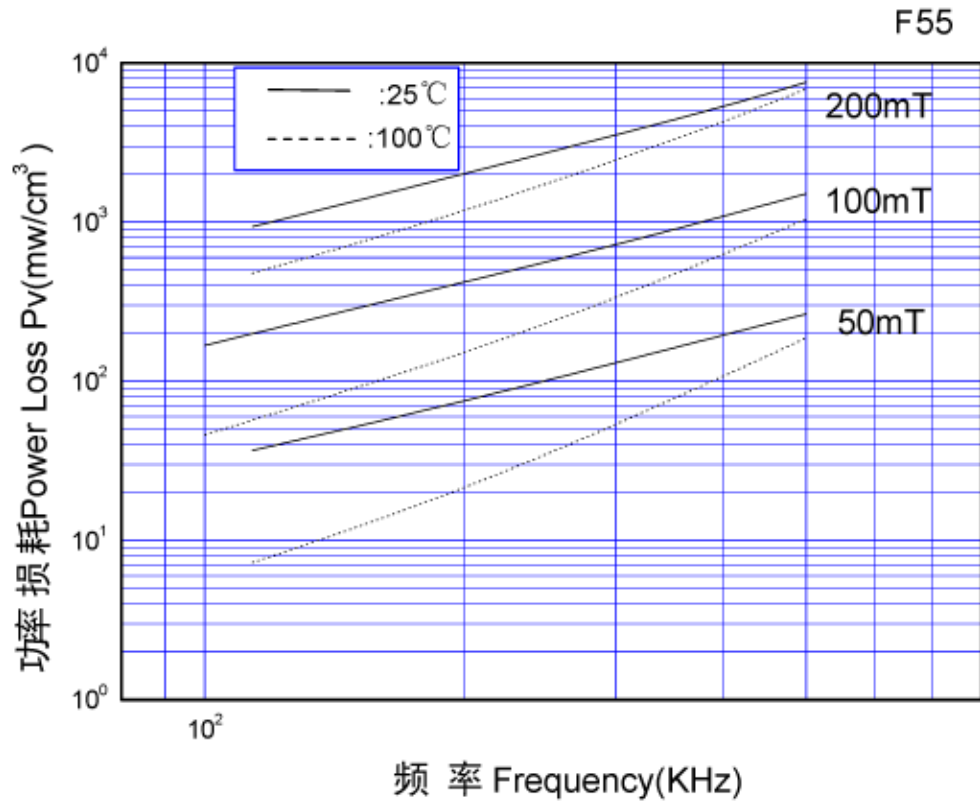
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Power Losses versus Flux density

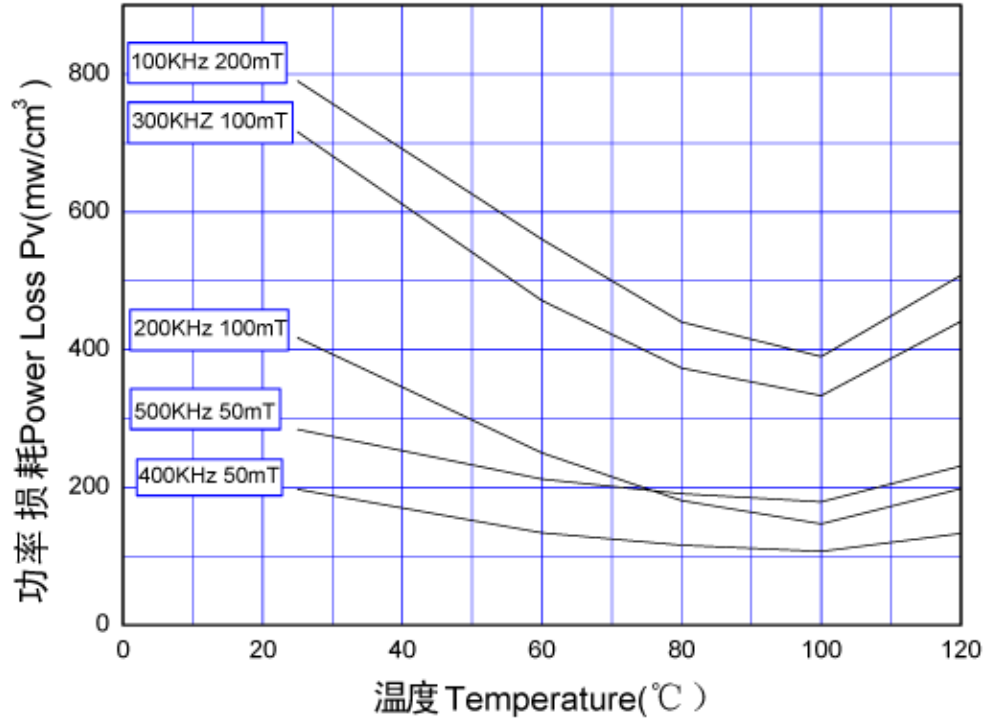


Power Losses versus Frequency



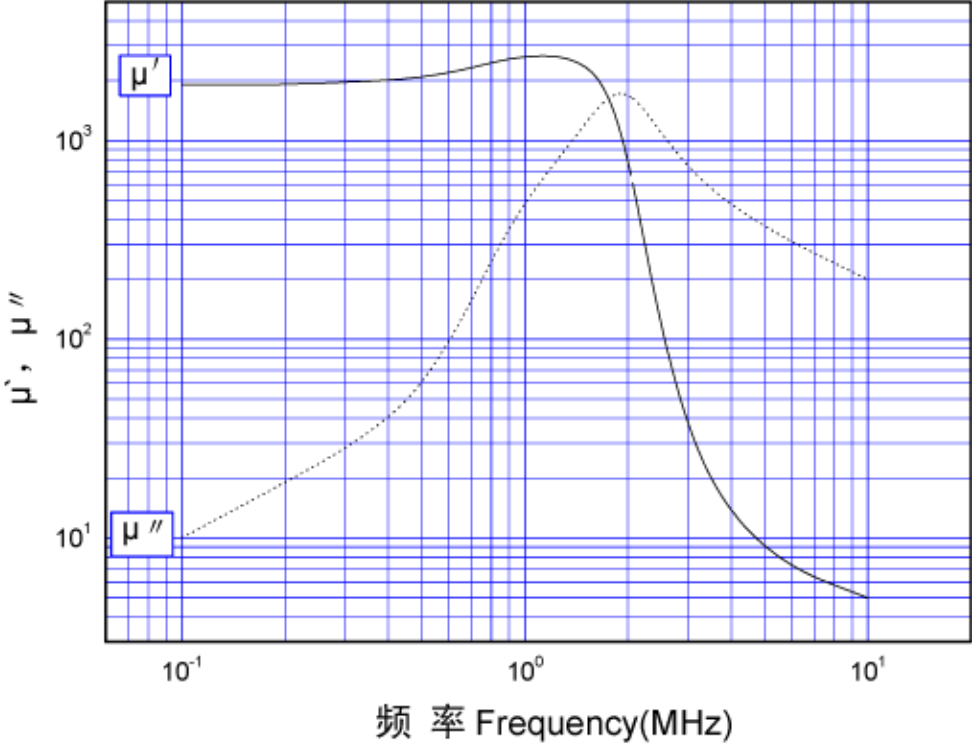
Power Losses versus Temperature

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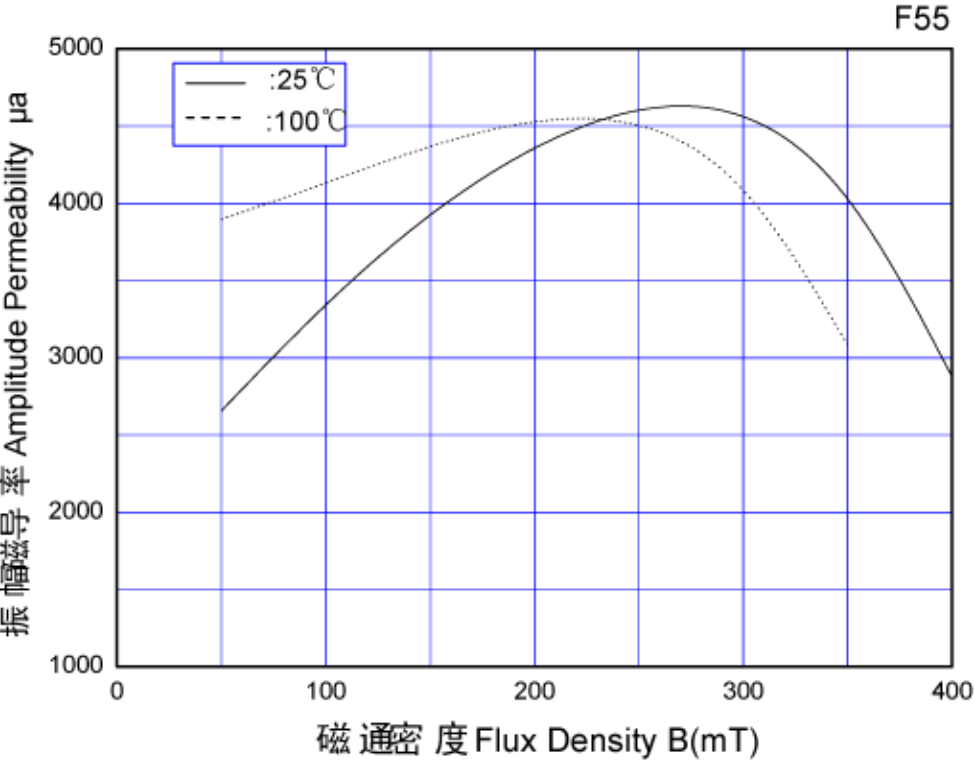


Complex Permeability versus Frequency

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Amplitude Permeability versus Flux density



Incremental Permeability versus Magnetic Field Strength

