

Material : ML14D

Initial permeability	μ_i		23°C	1400±25%
Saturation magnetic flux density at 800A/m	B_s	(mT)	23°C	490
			100°C	400
Remanent flux density	B_r	(mT)	23°C	180
			100°C	130
Coercive force	H_c	(A/m)	23°C	40
			100°C	30
Core loss volume density 500kHz 50mT	P_{cv}	(kW/m ³)	23°C	165
			40°C	135
			60°C	115
			80°C	110
			100°C	125
			120°C	150
Relative loss factor	100kHz	$\tan\delta/\mu_i$	(×10 ⁻⁶)	3.5
Curie temperature	T_c	(°C)		> 200
Electrical resistivity	ρ	(Ω·m)		10.0
Density	d_s	(kg/m ³)		4.80×10 ³

Test core : Toroidal
OD = 25mm ID = 15mm TH = 5mm



