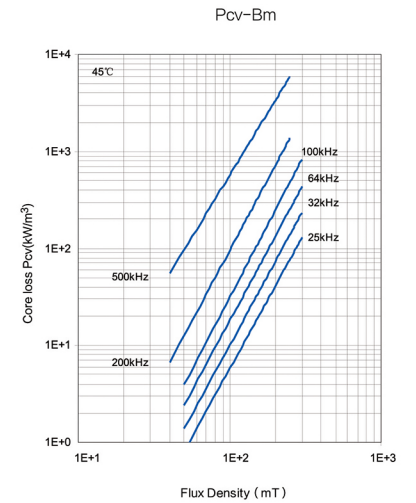
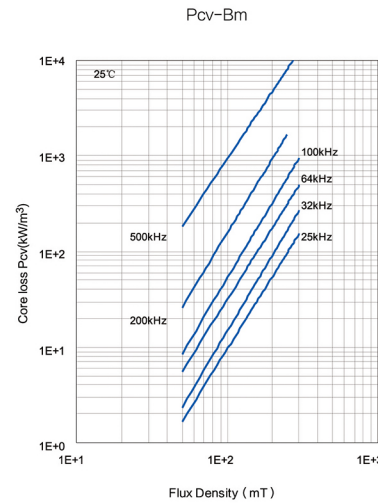
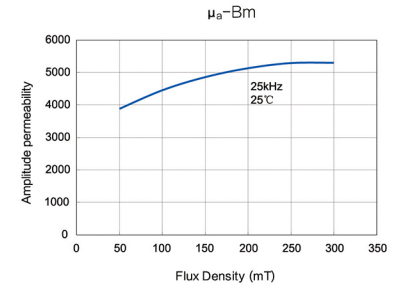
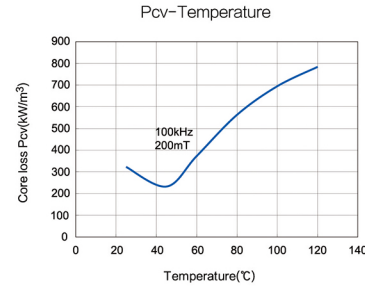
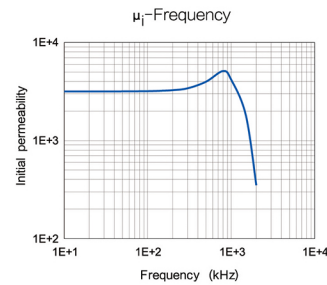
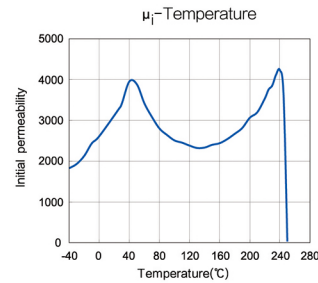
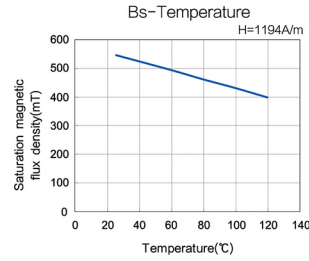
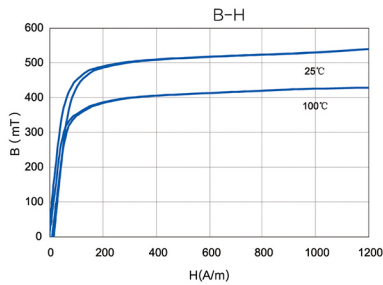


# Material: FW51

## Features:

- 1. Low Core Loss and High Saturation Flux Density
- 2. Mostly Used on Lower Temperature (40°C ~ 50°C) and Middle Frequency (100kHz to 300kHz)

Initial permeability	$\mu_i$	25°C	3200±25%
Saturation magnetic flux density	Bs(mT)	25°C	530
		100°C	420
Remanence	Br(mT)	25°C	130
		100°C	80
Coercivity	Hc(A/m)	25°C	11
		100°C	10
Core loss	Pcv(kW/m <sup>3</sup> )	25°C	350
		100kHz 200mT	250
		100°C	660
Curie temperature	Tc(°C)		≥220
Electrical resistivity	$\rho(\Omega\cdot m)$		3
Density	d(kg/m <sup>3</sup> )		4.8×10 <sup>3</sup>
Test core: Toroid(mm)			
	OD:		25
	ID:		15
	H:		7.5



# Material: FW51