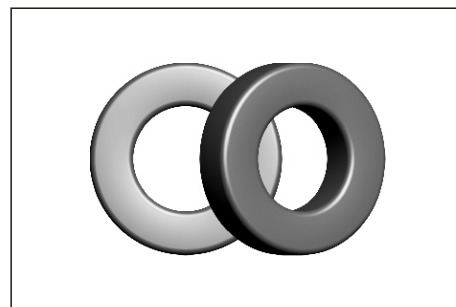


AMORPHOUS POWDER CORE SERIES PRODUCTS

INTRODUCTION

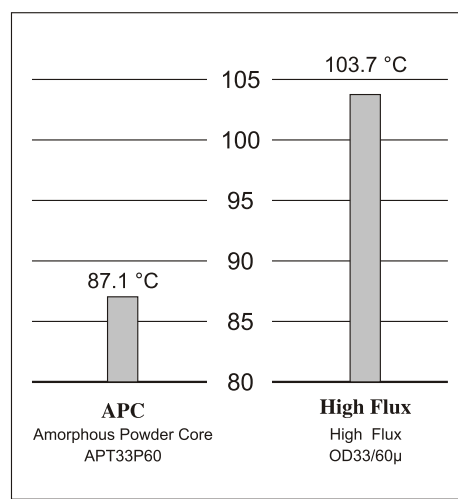
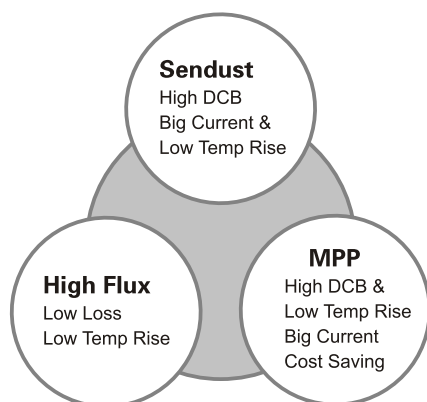


Amorphous Powder Core come into world with its utmost superior qualities
SHINHOM proudly introduce Amorphous Powder Cores to customers.

Example of Field Test

Power	Application	Model	Comparison	Condition
350W	PFC	APT33P60	High Flux OS33/60μ	No Fan 100V Input

Benefit of Advanced Powder Core



Material Property Comparison

Property	Amorphous powder Core	High Flux	MPP	Sendust KoolMμ	Iron	Ferrite
Bs(Gauss) saturation Flux Density	15,000	15,000	7,500	10,000	10,000~12,000	3,000~4,500
Core Loss Pc(mW/cm³) @100kHz,0.1T	600	13,000~18,000	500~1,500	850~1,200	1,300~1,800	Dep.Gap
% Ldc @100Oe(60μ)	70%	70%	50%	45%	40%	Dep.Gap
Composition	Fe-Si-B	Fe-Ni	Fe-Ni-Mo	Fe-Al-Si	Fe	Mn-Zn-Fe

Note: The properties are typical value measured.