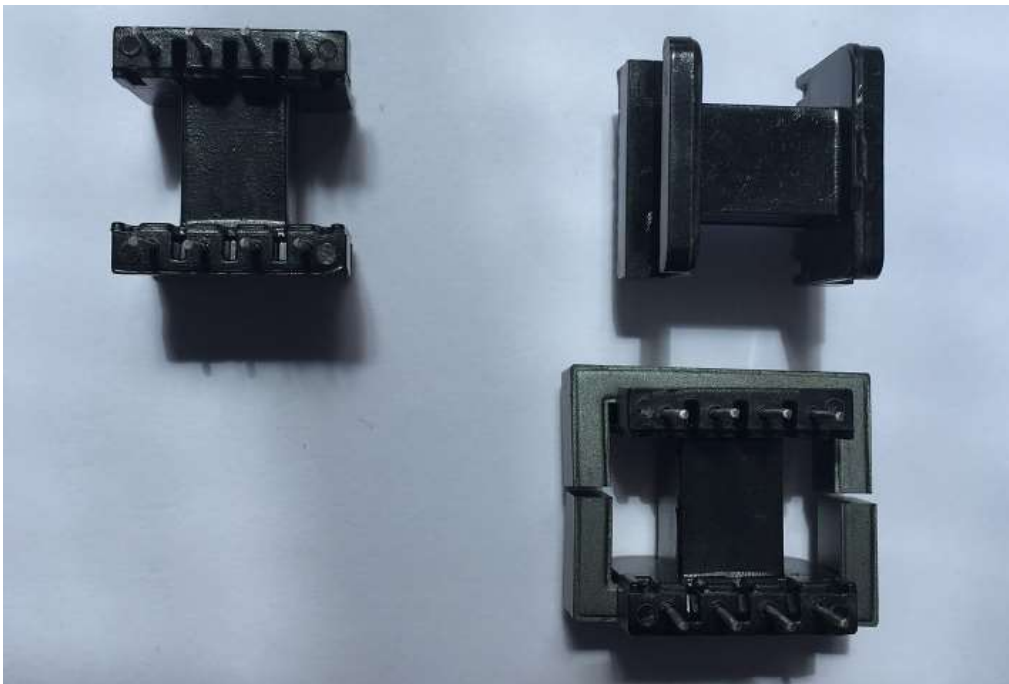
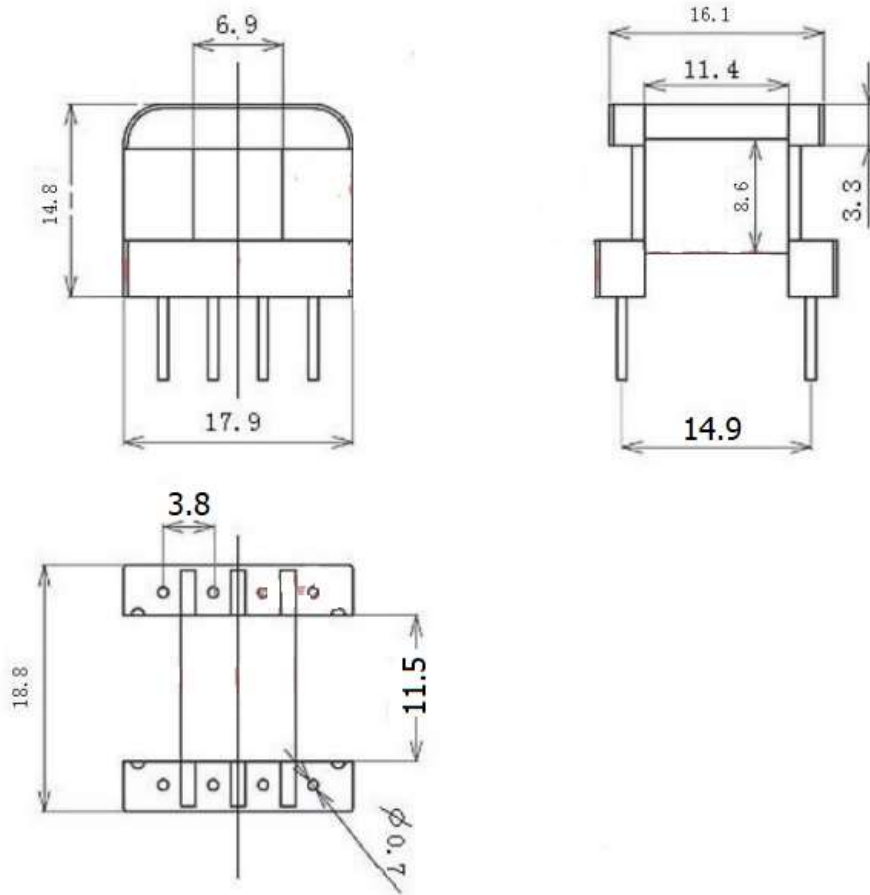
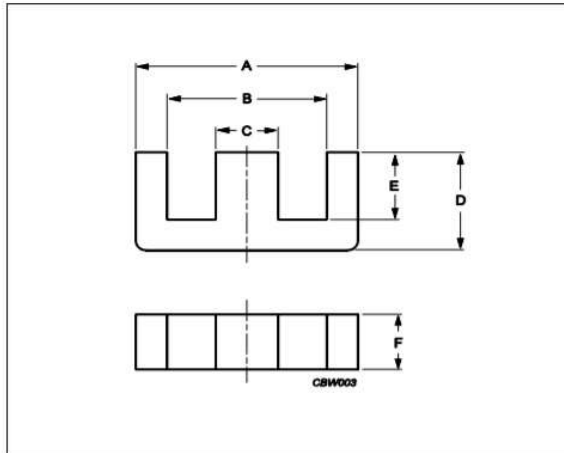


DIMENSIONES DEL CARRETE HORIZONTAL E25 8 PINES



Core **E25/10/6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1.24	mm ⁻¹
Ve	effective volume	1930	mm ³
Le	effective length	49	mm
Ae	effective area	39.5	mm ²
Amin	minimum area	37	mm ²
m	E25/10/6	≈ 4.8	g/pcs

Dimensions for product: E25/10/6						
	Nom	Tol +	Tol -	Max	Min	Unit
A	25.40	0.60	0.60	26.00	24.80	mm
B					18.80	mm
C	6.35	0.25	0.25	6.60	6.10	mm
D	9.65	0.20	0.20	9.85	9.45	mm
E					6.40	mm
F	6.35	0.25	0.25	6.60	6.10	mm

(21/24)

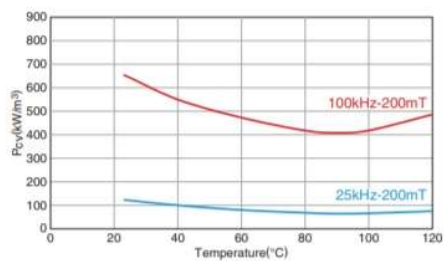
FERRITES

Mn-Zn Large Size Ferrite for High Power **Material List of PC40**

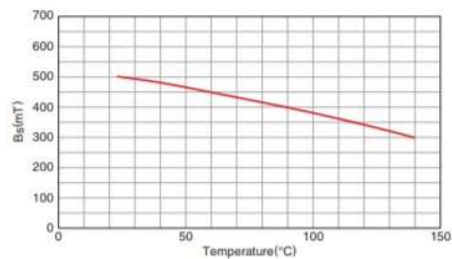
MATERIAL CHARACTERISTICS

Initial permeability	Curie temperature	Saturation magnetic flux density		Remanent flux density	Coercive force	Core loss			Electrical resistivity	Approximate density	Thermal expansion coefficient	Thermal conductivity	Specific heat	Bending strength	Young's modulus	Magnetostriktion
μ_i	Tc (°C)	Bs (mT) H=1194A/m		Br (mT) H=1194A/m	Hc (A/m) H=1194A/m	Pcv (kW/m ³) B=200mT			ρ ($\Omega \cdot m$)	(kg/m ³) $\times 10^3$	α (1/K) $\times 10^{-6}$	κ (W/mK)	Cp (J/kg · K)	σ_B (N/m ²) $\times 10^7$	E (N/m ²) $\times 10^{11}$	λ_s $\times 10^{-6}$
23°C		23°C	100°C	23°C	23°C	25kHz	90°C	100°C	100°C							
2300	>200	500	380	125	15	64	70	420	6.5	4.8	12	5	600	9	1.2	-0.6

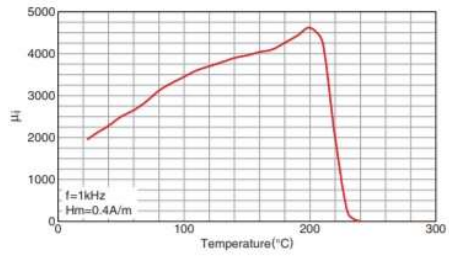
Core loss vs. temperature characteristics(Typ.)



Saturation magnetic flux density vs. temperature characteristics(Typ.)



□ Initial magnetic permeability vs. temperature characteristics(Typ.)



□ Magnetic permeability vs. frequency characteristics(Typ.)

