

YZPST GROUP
SPECIFICATION FOR APPROVAL

CUSTOMER P/N	I101.6*50.8*25.4
OUR P/N	YZPST-101.6x50.8x25.4
SPEC . NO.	24007

Ferrite Bar

YANGZHOU POSITIONING TECH CO., LTD.

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DIMENSIONS(mm)

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	A
	101.6±2.0
	B
	50.8±0.64
	C
	25.4±0.64

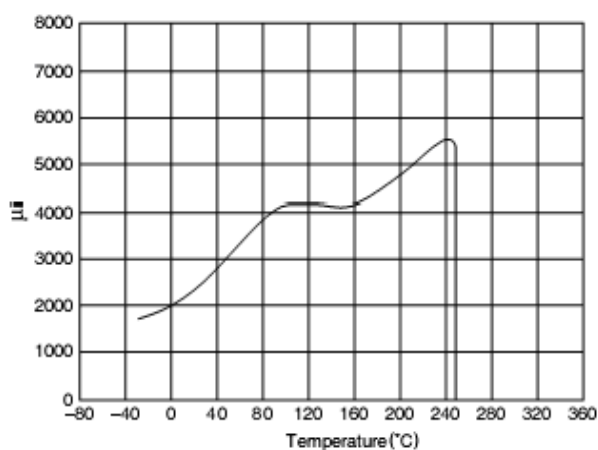
PARAMETETS	
Core Factor C1	\ mm ⁻¹
Effective Length Le	\ mm
Effective Cross Area Ae	\ mm ²
Effective Volume Ve	\ mm ³
Apporx .Weight	645 g/set

2 MATERIAL CHARACTERISTICS

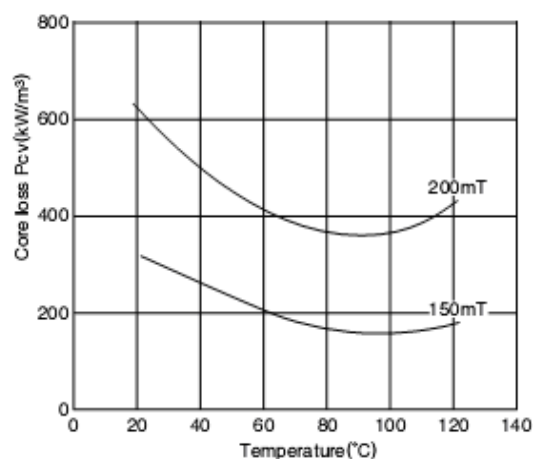
Characteristice	Symbol	Unit		PTS40
Initial permeability	ui	\		2300±25%
Saturation flux density	Bs	mT (1000A/m)	25℃	510
			100℃	390

Remanence	Br	mT	120
Coercivity	Hc	A/m	13
Power loss f=100kHz, B=200mT	Pc	KW/m ³	25℃
			60℃
			100℃
Curie temperature	Tc	℃	>230
Resistivity	ρ	Ω *m	6.5
Density	d	Kg/m ³ ×10 ³	4.8
Note : The values were obtained with toroidal cores at room remperature unless otherwise shown			

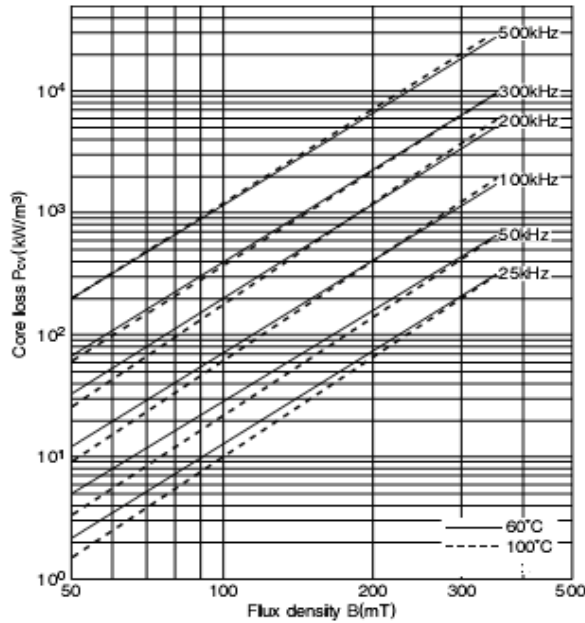
3. PST40Material characteristics curve



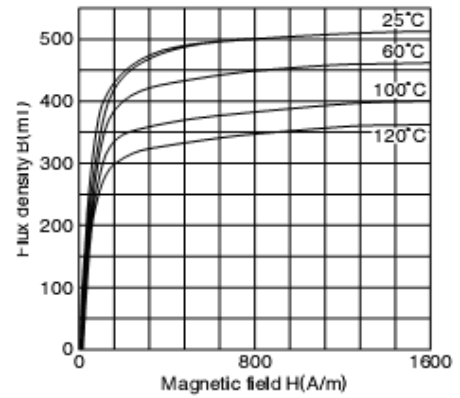
磁导率温度特性
μ_i vs. Temperature Characteristi



功率损耗温度特性
Core loss vs. Temperature



功率损耗与磁通密度
Flux Density vs. Power Loss



磁化曲线
Magnetization Curves

Item:	P/N:	SPEC./A
FERRITE CORE	YZPST-101.6x50.8x25.4	24007

4. Maximum chip off:

- The depth of crack in the ground surface should be no more than 0.3mm, length is no more than 1/4, length of lengthen line. In the non-ground surface, the depth should be no more than 0.5mm length is no more than 1/3 length of lengthen line.

5. Inopection Method:

According to GB/T2828.1-2003, one time normal random sampling, Inspect lesdl II ,AQL, should be as follows

检查项目 Inspect Item	合格质量水平 AQL
电磁特性 Electromagnetic Property	0.65
外形尺寸 Outside Size	1.0
外观质量 Outside Quality	1.5

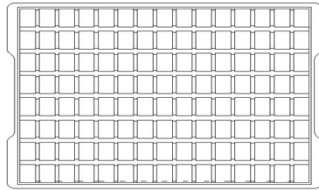
6. Packing:

Foamed plastic box is used for packing, paper box is used for outside packing. Quality Certification is attached on every box, including Item (Product name or type, Quantity, Lot No., and Tester)

PACKAGE:

1. Inner Packing

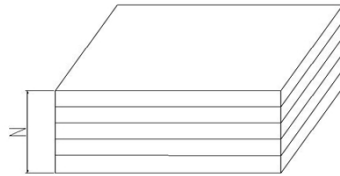
Styrofoam box size and placement



Styrofoam size (mm) :

Qty in Styrofoam box: (pcs)

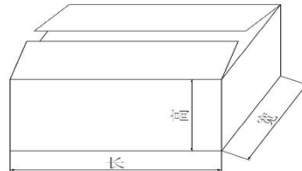
Inner packing form one carton



Placement: N= layer upon layer packing

2. Outline packing

2.1 Carton box size



Sizes (mm) : 430*310*160

Carton box size (mm) : 430*310*160