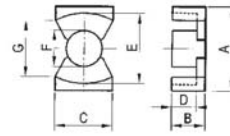
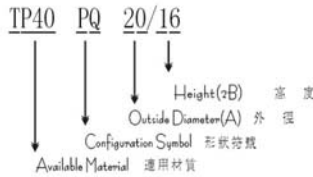
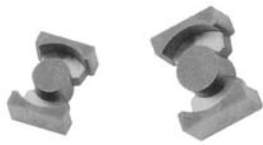


PQ Coers  
PQ 20/16 ~ PQ 32/21

Ordering Code System  
產品識別碼

SHAPE  
形狀

Symbols Definitions  
符號定義



Effective Parameter 有效參數

- $l_e$  (mm) Effective path length (有效磁路長)
- $A_e$  (mm<sup>2</sup>) Effective cross-sectional area (有效截面積)
- $V_e$  (mm<sup>3</sup>) Effective core volume (有效體積)
- $C_l$  (mm<sup>2</sup>) Core constant (常數)
- $AL$  (mH) Inductance factor ( $L/N^2$ ) (電感單位)

## PQ Coers

TAK PQ cores are for switching power supplies which have the most appropriate shape, for performing analysis of transformer iron and copper loss when used as a power supply transformer and driven at a high frequency. They are also appropriate for performing temperature rise and inductance analysis.

### FEATURES

- Cores for uses ranging from 50 W to 1 KW (100KHz); and employ the most appropriate.
- Space-saving, small-volume mounting.
- Pin equipped bobbins are employed to permit easy terminal handing.
- Suitable to get various safety standards.

### APPLICATIONS

- Inverter transformers and choke coils for switching power supplies.

## PQ 鐵芯

TAK 提供最合適形狀之PQ磁芯用於匹配電源供應器,用於電源供應變壓器之鐵損和銅損性能分析,並達到高頻功效,同時適用於溫度升降與電感性能的對照分析。

### 特長:

- 鐵芯使用電流以範圍在5W-1000W(100KHz); 供選用最合適者。
- 節省空間,小型裝配。
- PIN式Bobbin上使用,也易與雙腳式(蝴蝶腳)Bobbin配套使用。
- 易於達到各種安全標準。

### 用途:

- 匹配電源供應器用之變換變壓器,抗流線圈。

For any PQ cores requirement not listed in the catalog, please feel free to contact with us for more information.

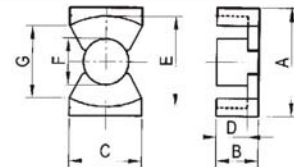
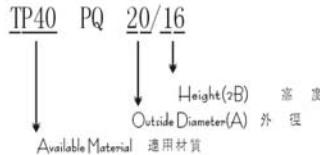
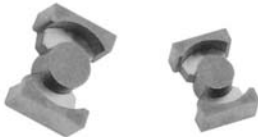


鐵研科技股份有限公司  
TAK 湯姆遜科技股份有限公司

企業總部(臺灣)  
(T):+886-3-2624980  
(F):+886-3-2624950  
E-mail:taiwan@takferrite.com  
www.takferrite.com

鐵研(東莞廠)  
(T):+86-769-86310390 (F):+86-769-86310396  
E-mail:sales-operation@takferritedg.com  
湯姆遜(連平廠)  
TEL:+86-762-4329903 FAX:+86-762-4329002

Page 51



Ordering code	Dimensions							Effective Parameter	Electrical characteristics						Wt(g) (SET)	
	A	B	C	D	E	F	G		TP40	T2	T3	T5	T6	T7		T10
PQ20/16	21.3 ±0.4	8.1 ±0.2	14.0 ±0.4	5.20 ±0.2	18.0 ±0.4	8.8 ±0.2	12MIN		±25%	±25%	±25%	±25%	±25%	±25%	±25%	13.3
PQ20/20	21.3 ±0.4	10.1 ±0.2	14.0 ±0.4	7.15 ±0.15	18.0 ±0.4	8.8 ±0.2	12MIN									15.3
PQ26/20	26.5 ±0.45	10.1 ±0.2	19.0 ±0.45	5.75 ±0.2	22.5 ±0.45	12.0 ±0.2	15.5MIN									31.0
PQ26/25	26.5 ±0.45	12.63 ±0.3	19.0 ±0.45	8.30 ±0.3	22.5 ±0.14	12.0 ±0.2	15.5MIN									41
PQ32/21	32.0 ±0.5	10.48 ±0.1	22.0 ±0.5	5.95 ±0.15	27.5 ±0.5	13.45 ±0.25	19MIN									45



TAK Technology Co.,LTD  
TPC Technology Co.,LTD

Enterprise headquarter(Tai Wan)  
(T):+886-3-2624980  
(F):+886-3-2624950  
E-mail:taiwan@takferrite.com  
www.takferrite.com

TAK(Dong Guan factory)  
(T):+86-769-86310390 (F):+86-769-86310396  
E-mail:sales-operation@takferritedg.com  
TPC(Lian pin factory)  
TEL:+86-762-4329903 FAX:+86-762-4329002

Page 52