

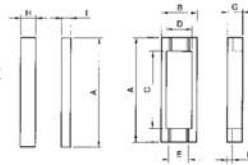
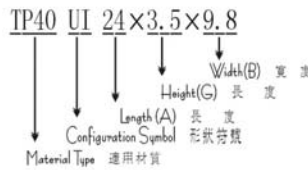
UI Coers

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 (mm²) Effective cross-sectional area (有效截面積)
- V_e (mm³) Effective core volume (有效體積)
- C_i (mm²) Core constant (常數)
- AL (nH) Inductance factor (L/N²) (電感單位)

UI Coers

TAK developed UI shape cores used by inverter transformers available for supply of LCD FL back light.

FEATURES

- Slim type; Low profile.
- Low deterioration due to the most suitable magnetic design in spite of slim size.
- Wire burst resistant due to special construction.
- High reliable due to multi-divisible construction.

APPLICATIONS

- LCD back light FL driving inverter transformer available for note size/sub note size PC; Camcorder; Personal Digital Assistants.

UI 鐵芯

鐵研提供UI形磁芯, 使用于LCD背光燈之FL變換變壓器上。

特長:

- 狹幅形, 低背式。
- 儘管為狹幅形狀, 適合磁氣設計, 功率耗損低。
- 斷線對策構造。
- 多分割構造, 功能可靠。

用途:

- LCD背光燈之FL驅動用變換變壓器, 常用於筆記本式/超微型個人電腦; 數碼相機; 攜帶末端機器。

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

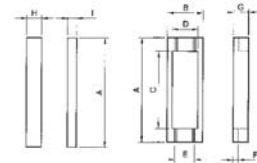
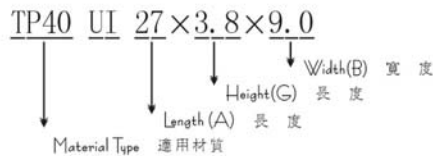
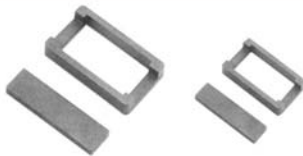


鐵研科技股份有限公司
TAK 湯姆遜科技股份有限公司

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 61



Ordering code	Dimensions											Effective Parameter				Electrical characteristics							Wt(g) (SET)		
	A	B	C	D	E	F	H	I	A1	H	I	C _i	A _e	l _e	V _e	TP40	T2	T3	T5	T6	T7	T10			
	UNIT:mm															(AL-Value)									
																±25%									
UI24X3.5X9.8	23.8 ±0.3	9.8 ±0.2	19.2 ±0.3	7.3 ±0.2	5.7 ±0.15	1.3 ±0.1	3.5 ±0.05		24.3 ±0.3	2.0 ±0.05	4.4 ±0.1					360								2.4	
UI21X3.5X11.7	21 ±0.2	11.8 ±0.25	16.2 ±0.15	8.9 ±0.2	7.1 ±0.1	1.3 ±0.1	3.5 ±0.1		21.6 ±0.2	5.5 ±0.15	1.8 ±0.1					400								3.0	
UI20X5X14.8	19.7 ±0.3	14.8 ±0.3	15.6 ±0.15	11.4 ±0.25	7.0 ±0.15	1.8 ±0.1	4.6 ±0.1		19.9 ±0.3	2.85 ±0.05	5.46 ±0.15					560								3.6	



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 62