

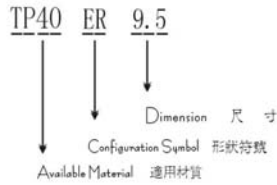
ER EFD Coers 扁平圓柱E形磁芯

Mn-Zn Products

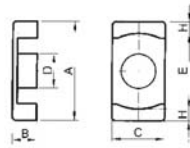
ER Cores
ER 9.5 ~ ER 14.5



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 (有效磁路徑)
- A_e (mm²) Effective cross-sectional area (有效截面積)
- V_e (mm³) Effective core volume (有效體積)
- C_1 (mm²) Core constant (常數)
- AL (nH) Inductance factor (LN^2) (電感單位)

ER Cores

TAK ER cores are wide used as cores for switching power supplies.

FEATURES

- Center leg is round making winding easy.
- Winding area is large and permits the design of high output transformers.

APPLICATIONS

- Transformers and choke coils for switching power supplies.

ER 鐵芯

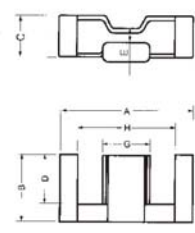
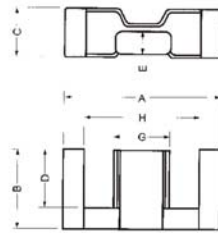
TAK 提供多種廣泛用于匹配電源供應器之ER鐵芯。

特長:

- 圓形設計之中柱,易于繞線。
- 繞線區域面積大,便于高輸出功率變壓器之設計。

用途:

- 匹配電源供應器用之變壓器,抗流線圈。



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



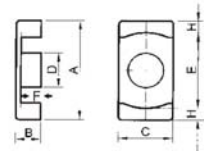
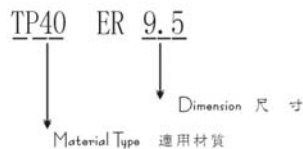
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ER Coers 扁平圓柱E形磁芯

Mn-Zn Products



Ordering code	Dimensions								UNIT:mm	Effective Parameter	Electrical characteristics							Wt(g) (SET)		
	A	B	C	D	E	F	H	TYPE			C1	Ae	le	Ve	TP40	T2	T3		T5	T6
ER7.5X5	7.50 ±0.15	2.5 ±0.1	4.00 ±0.15	2.6 ±0.1	6.20 ±0.2	1.75 ±0.1	0.65	Gap:0.12					±25%	±25%	±25%	±25%	±25%	±25%	±25%	0.55
ER9.5	9.50 ±0.15	2.45 ±0.15	4.9 ±0.1	3.4 ±0.1	7.63 ±0.15	1.70 ±0.15	=0.85						1100							0.7
ER11X5	10.83 ±0.175	2.45 ±0.1	5.9 ±0.1	4.125 ±0.125	8.85 ±0.15	1.575 ±0.075	=1.0						1400							1.1
ER11.5	11.0 ±0.75	2.45 ±0.15	5.9 ±0.1	4.33 ±0.13	8.85 ±0.15	1.6 ±0.15	=1.0						1400							1.1
ER14.5X6	14.5 ±0.2	2.95 ±0.1	6.7 ±0.2	4.7 ±0.1	11.8 ±0.2	1.65 ±0.1	=1.35						1600							2.2



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