

**Product information on this page may be out of date.
For the latest information, please refer to the TDK Product Center.**

Product Name Ferrites For Switching Power Supplies
Series EPC Series
Type PC95
Part Number PC95EPC27-Z

Product Lifecycle Stage: Production
 Release Date: 2004/10/19

Specification

TDK Material Name	PC95	
Soft Ferrite Materials	Mn-Zn	
Initial Permeability	Typ	3300
Saturation Flux Density	Typ	410 m T
Saturation Flux Density Measuring Condition	at.100 degrees Celsius	
Curie Temperature	Min	215 Cel

Specification2

Core Shape	EPC	
Body Length(L)	Nom	27.1 m m
Body Breadth(W)	Nom	8 m m
Body Height(T)	Nom	32 m m
Inductance Factor	Typ	2200 n H
Inductance Factor Measuring Condition	1kHz, 0.5mA (ALC=ON), 100Ts	
Core Factor C_1	Nom	1.43 m m**-1
Effective Cross-Sectional Area	Nom	48.6 m m**2
Effective Magnetic Path Length	Nom	69.4 m m
Effective Volume	Nom	3370 m m**3
Minimum Cross-Sectional Area	Nom	46.5 m m**2
Cross-Sectional Winding Area	Nom	108 m m**2
Weight	Nom	14.4 g

Summary/Applications/Features

Summary	Ferrites For Switching Power Supplies
Applications	Main transformer, Drive transformer, Choke Coil etc..
Features	The ferrite cores are used for various transformers of the general-purpose model DC - DC converter.

Packaging

Packing	Bulk(Polystyrene form)	
Minimum Package Qty	Nom	45 Pcs

[Catalog Info.](#)

[Caution]
 Specifications which provide more details for the proper and safe use of the described product are available upon request.

[Notice of Revision and Improve]
 All specifications are subject to change without notice.