

PC95ER18/5/12-Z

Board mounts type core

Category : Ferrites (Soft Ferrites)	
Sub Category : Soft Ferrites	
TDK Series Name : ER Series	
Application : Main transformers etc...	
Function :	
The planar cores are used for brick type DC/DC converters. PC90 material is used for choke coils. PC95 material is used for main transformers.	
Description : Planar cores for board mount	
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Property Name	Property Description
Product Lifecycle Stage	Production
Lead (Pb) Free	Yes
Curie Temperature	Min 215 Cel
Saturation Flux Density	Typ 410 mT
Remanent Flux Density	Typ <i>No Data Available.</i>
Coercive Force	Max <i>No Data Available.</i>
Bulk Density	Nom <i>No Data Available.</i>
Core Shape	ER
Inductance Factor	Min <i>No Data Available.</i> Typ 3500 nH Max <i>No Data Available.</i>
Dimensions	<i>No Data Available.</i>
Core Factor C_1	Nom 0.601 mm**-1
Core Factor C_2	Nom <i>No Data Available.</i>
Effective Cross-Sectional Area	Nom 32.8 mm**2
Effective Magnetic Path Length	Nom 19.7 mm
Effective Volume	Nom 645 mm**3
Cross-Sectional Center Leg Area	Nom <i>No Data Available.</i>
Minimum Cross-Sectional Area	Nom <i>No Data Available.</i>
Cross-Sectional Winding Area	Nom 9.75 mm**2
Soft Ferrite Materials	Mn-Zn
Initial Permeability	Min <i>No Data Available.</i> Typ 3300 Max <i>No Data Available.</i>
Core Loss Volume Density	Max <i>No Data Available.</i>
Country of Origin	JPN, CHN
Packing	Bulk(Polystyrene form)
Minumum Package Qty	Nom 200 Pcs
Minimum Order Qty	Nom <i>No Data Available.</i>
Weight	Nom 3.04 g
Part Number Replacement	<i>No Data Available.</i>

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set fort in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").