

Product Name

Ferrites For Telecommunication

Series

T Series

Type

HS72

Part Number

HS72T28X13X16

Product Lifecycle Stage

Production

Specification			Summary/Applications/Features			
TDK Material Name		HS72		Summary	Toroidal Cores For Telecommunication	
Soft Ferrite Materials		Mn-Zn		Applications	Filters, Sensores, Transformers, etc...	
Initial Permeability	Typ	7500		Features	The toroidal cores are used for pulse transformer and sensores. Epoxy and paraxylylene insulation coating is available.	
Curie Temperature	Min	130 Cel				
Operating Temperature Range	Min	-30 Cel		Packaging		
	Max	105 Cel				
Specification2			Packing			
Core Shape		T		Bulk(Bag)		
Body Length(L)	Nom	28 m m		Minumum Package Qty		
Body Breadth(W)	Nom	28 m m		Nom		
Body Height(T)	Nom	13 m m		100 Pcs		
Inside Diameter	Nom	16 m m		 Catalog Info.		
Inductance Factor	Typ	267.5 micro H				
Inductance Factor Measuring Condition	100kHz, 10mV (ALC=ON), 5Ts					
Core Factor C_1			0.864 m m**-1			
Effective Cross-Sectional Area	Nom	76 m m**2				
Effective Magnetic Path Length	Nom	65.6 m m				
Effective Volume	Nom	4990 m m**3				
Storage Temperature Range	Min	-30 Cel				
	Max	85 Cel				
Weight	Nom	20.8 g				

[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.