

Product Name Ferrites For Telecommunication
Series T Series
Type H5C2
Part Number H5C2T44.5X13X30

Product Lifecycle Stage Production
Release Date 1982/06/07

Specification	Summary/Applications/Features
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TDK Material Name	H5C2	
Soft Ferrite Materials	Mn-Zn	
Initial Permeability	Typ	10000
Curie Temperature	Min	120 Cel
Operating Temperature Range	Min	-30 Cel
	Max	105 Cel

Summary	Toroidal Cores For Telecommunication	
Applications	Filters, Sensores, Transformers, etc...	
Features	The toroidal cores are used for pulse transformer and sensores. Epoxy and paraxylylene insulation coating is available.	

Specification2	Packaging
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Core Shape	T	
Body Length(L)	Nom	44.5 m m
Body Breadth(W)	Nom	44.5 m m
Body Height(T)	Nom	13 m m
Inside Diameter	Nom	30 m m
Inductance Factor	Typ	10000 n H
Inductance Factor Measuring Condition	10kHz, 10mV (ALC=ON), 5Ts	
Core Factor C_1	Nom	1.23 m m**-1
Effective Cross-Sectional Area	Nom	93 m m**2
Effective Magnetic Path Length	Nom	114 m m
Storage Temperature Range	Min	-30 Cel
	Max	85 Cel
Weight	Nom	42.792 g

Packing	Bulk(Bag)	
Minimum Package Qty	Nom	24 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.