

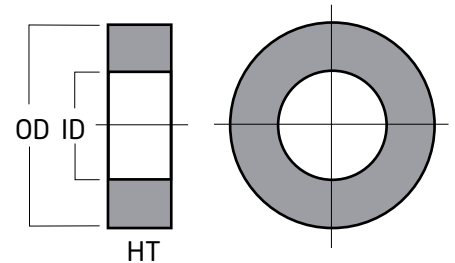
Nanophy Cased Cores

The Standard Nanocrystalline Core Solution

Example: **093 044 B 1**

Nanophy core code — 093 044
 Nanophy rank number — B
 B = Case — B
 Permeability level 1,2 or 3 — 1

Ordering Specifications



Reference	AI * ($\mu\text{H}/\text{sp}^2$)	Initial μ ** (nominal value)	Bare core						Cased core		Packing (pcs/box)
			OD (mm)	ID (mm)	HT (mm)	Lm (cm)	Ac (cm^2)	mass (g)	OD x ID x HT *** (mm)		
093 044 B1	9 - 18	30 000	16	10	6	4.01	0.14	4.3	178 x 8.3 x 8.2	1120	
093 044 B2	18 - 31	55 000									
093 044 B3	> 31	>70 000									
093 045 B1	12 - 24	30 000	20	12.5	8	5.01	0.24	8.9	22.5 x 10.4 x 10.2	616	
093 045 B2	24 - 41	55 000									
093 045 B3	> 41	>70 000									
093 046 B1	14 - 28	30 000	25	16	10	6.34	0.36	16.8	277 x 13.7 x 12.5	396	
093 046 B2	28 - 49	55 000									
093 046 B3	> 49	>70 000									
093 047 B1	13 - 26	30 000	30	20	10	7.75	0.4	22.8	32.7 x 17.9 x 12.5	270	
093 047 B2	26 - 45	55 000									
093 047 B3	> 45	>70 000									
093 003 B1	22 - 44	30 000	40	25	15	10.03	0.9	66.3	43 x 22.7 x 18.5	96	
093 003 B2	44 - 78	55 000									
093 003 B3	> 78	>70 000									

Lm = magnetic path length

Ac = effective cross-section area

* AI = L/n^2 ($\mu\text{H}/\text{T}^2$)

** Initial permeability at 0.5 mA/cm and 10 kHz

*** OD = maximum outer diameter / ID = minimum internal diameter / HT = maximum height

In addition to these standard items, other core customized diameters cores are available upon request.

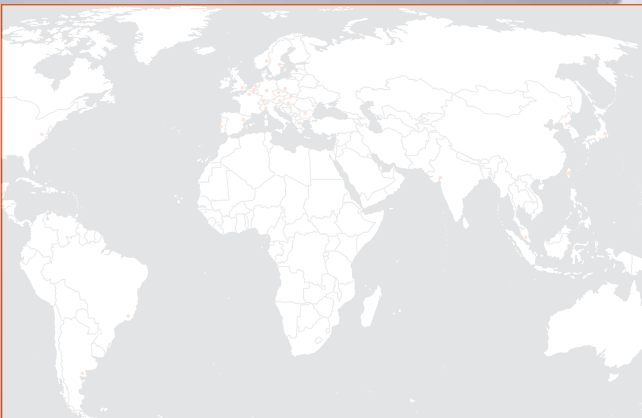
Specifications may change without prior notice.



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