

DTP-40 - Toroidal Power Inductors

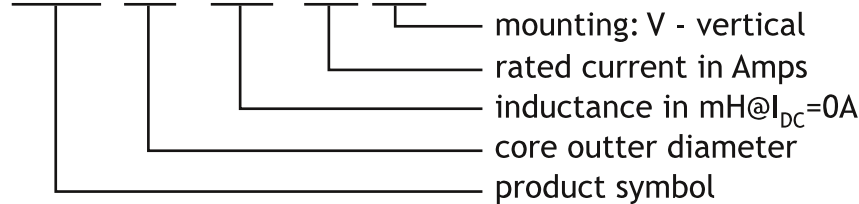


APPLICATIONS:

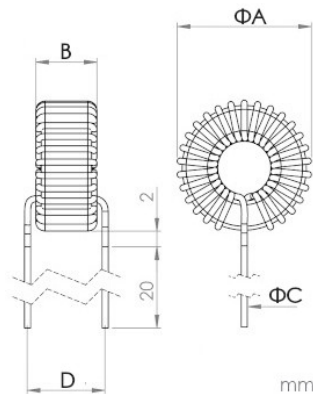
- Electromagnetic interference differential mode filters for power supplies
- Motor powering circuits filters
- Input filters for inverters
- DC smoothing for PSU outputs

ORDERING CODE:

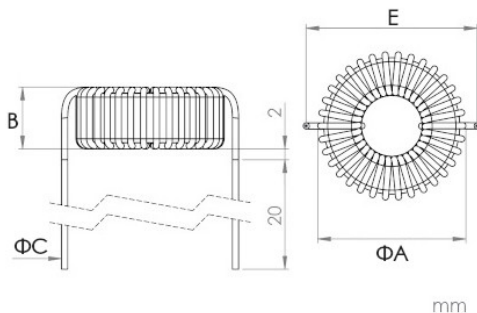
DTP - 40 / 0,047 / 50 - V



DIMENSIONS



vertical version



horizontal version

Part number	Dimensions				
	ΦA (max) [mm]	B (max) [mm]	ΦC (max) [mm]	D (max) [mm]	E (max) [mm]
DTP-40/0,047/50	51	27	4,7	24	56
DTP-40/0,068/36	49	24	4,7	21	52
DTP-40/0,10/30	49	23	3,1	23	53
DTP-40/0,15/25	49	24	3,1	22	52
DTP-40/0,22/18	47	22	3,1	23	50
DTP-40/0,33/15	49	21	1,7	21	51
DTP-40/0,47/15	50	22	1,7	19	52
DTP-40/0,68/10	49	21	1,35	22	51
DTP-40/1,0/7,8	47	20	1,35	19	49
DTP-40/1,5/7,0	47	20	1,35	19	49
DTP-40/2,2/6,3	47	21	1,35	22	49
DTP-40/3,3/5,0	47	21	1,35	21	48
DTP-40/4,7/4,0	46	20	1,35	21	47

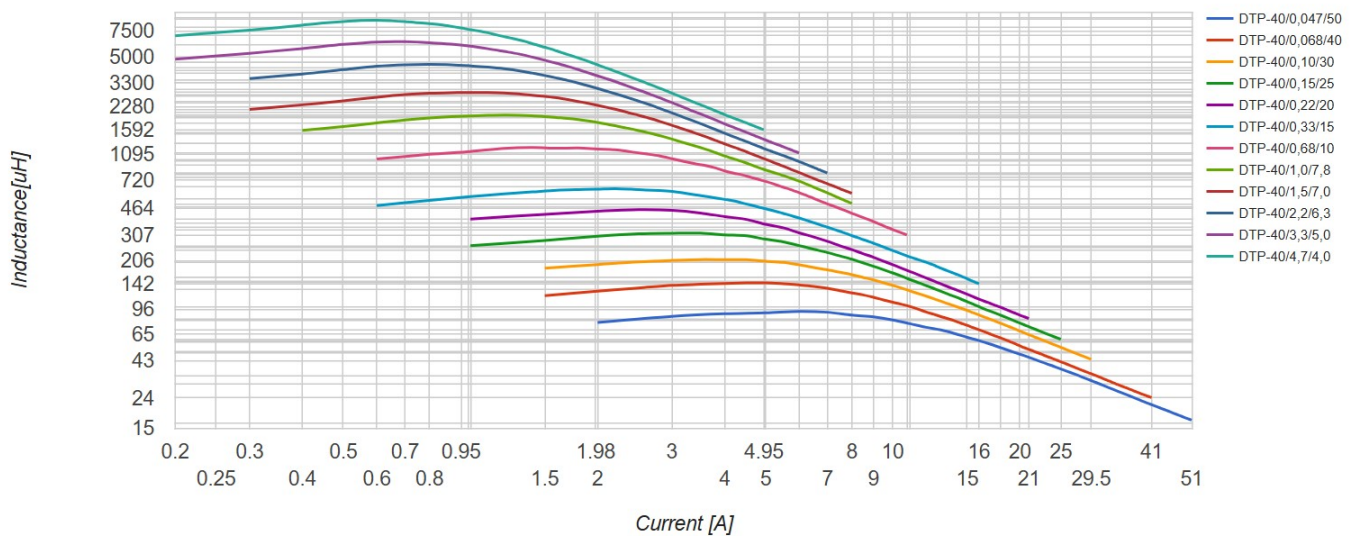
ELECTRICAL PROPERTIES

Part number	L_{nom} [μ H] $\pm 15\%$	I_{nom} [A]	$L@I_{nom}$ [μ H]	R_{DC} [m Ω]	ΔT [$^{\circ}$ C]*
DTP-40/0,047/50	47	50	17,3	4,5	127
DTP-40/0,068/36	68	36	27,8	5,7	107
DTP-40/0,10/30	100	30	43	10,5	126
DTP-40/0,15/25	150	25	60	14,9	136
DTP-40/0,22/18	220	18	99	20,2	107
DTP-40/0,33/15	330	15	155	34	109
DTP-40/0,47/15	470	15	180	43	144
DTP-40/0,68/10	680	10	335	67	100
DTP-40/1,0/7,8	1000	7,8	520	115	120
DTP-40/1,5/7,0	1500	7,0	685	155	140
DTP-40/2,2/6,3	2200	6,3	915	210	134
DTP-40/3,3/5,0	3300	5,0	1360	330	144
DTP-40/4,7/4,0	4700	4,0	2020	480	138

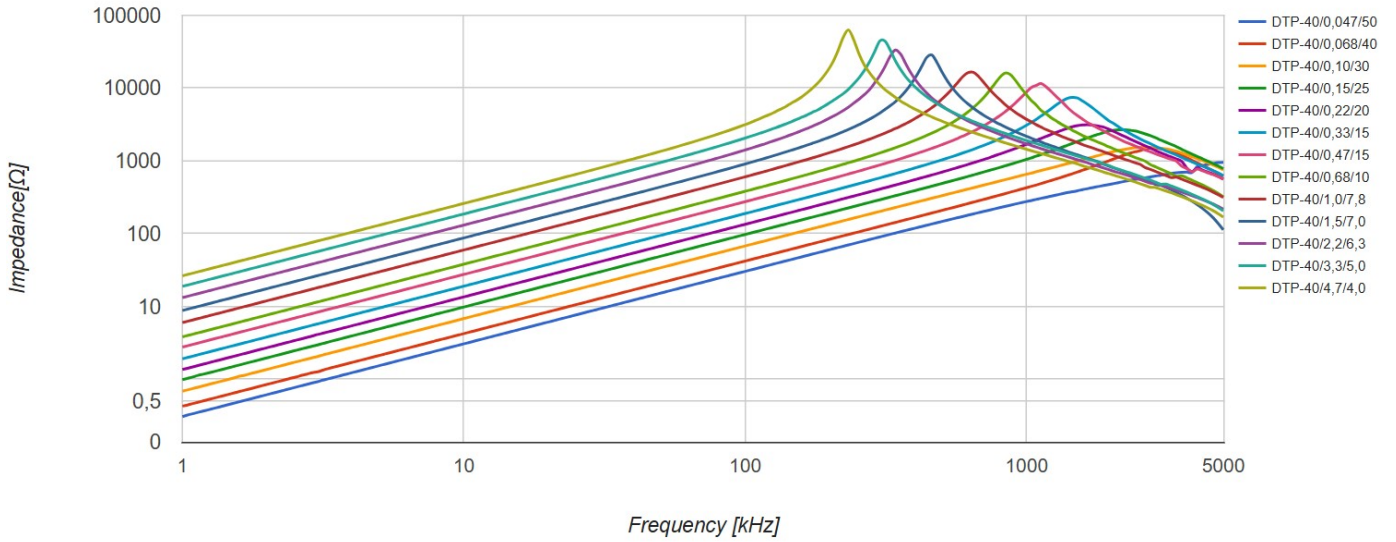
* winding losses only.

CHARACTERISTICS:

Inductance AC graph DTP-40



Impedance graph DTP-40



Attenuation graph DTP-40

