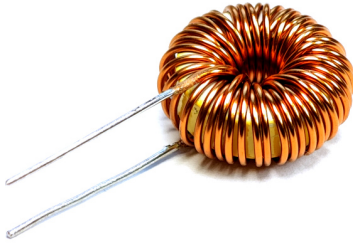


DTP-16 - Toroidal Power Inductors

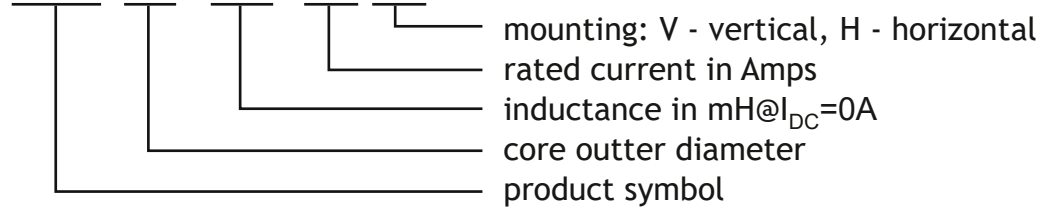


APPLICATIONS:

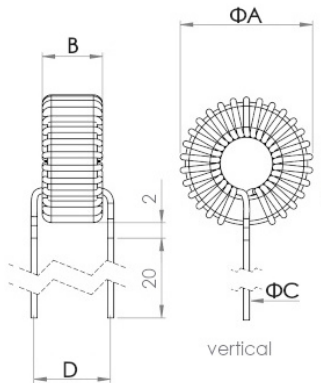
- Electromagnetic interference differential mode filters for power supplies
- Motor powering circuits filters
- Input filters for inverters
- DC smoothing for PSU outputs

ORDERING CODE:

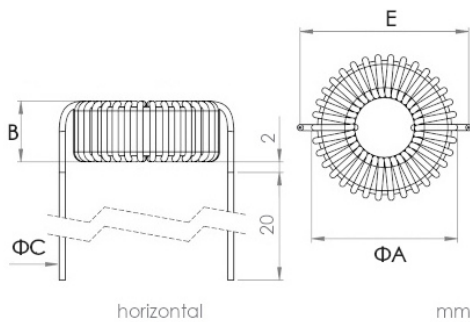
DTP - 16 / 2,2 / 0,7 - V



DIMENSIONS



vertical version



horizontal version

Part number	Dimensions				
	ΦA (max) [mm]	B (max) [mm]	ΦC (max) [mm]	D (max) [mm]	E (max) [mm]
DTP-16/0,022/10	20	11	1,3	9	23
DTP-16/0,033/8,0	20	10	1,2	9	23
DTP-16/0,047/8,0	20	10	1,2	9	23
DTP-16/0,068/5,0	20	10	0,9	9	22
DTP-16/0,1/4,0	20	10	0,8	9	22
DTP-16/0,15/3,0	20	10	0,8	9	22
DTP-16/0,22/3,0	20	10	0,8	9	22
DTP-16/0,33/2,0	19	10	0,7	9	21
DTP-16/0,47/2,0	19	10	0,6	9	21
DTP-16/0,68/1,5	19	10	0,6	8	21
DTP-16/1,0/1,2	19	10	0,5	8	20
DTP-16/1,5/0,9	19	9	0,4	8	20
DTP-16/2,2/0,7	18	9	0,4	8	19

ELECTRICAL PROPERTIES

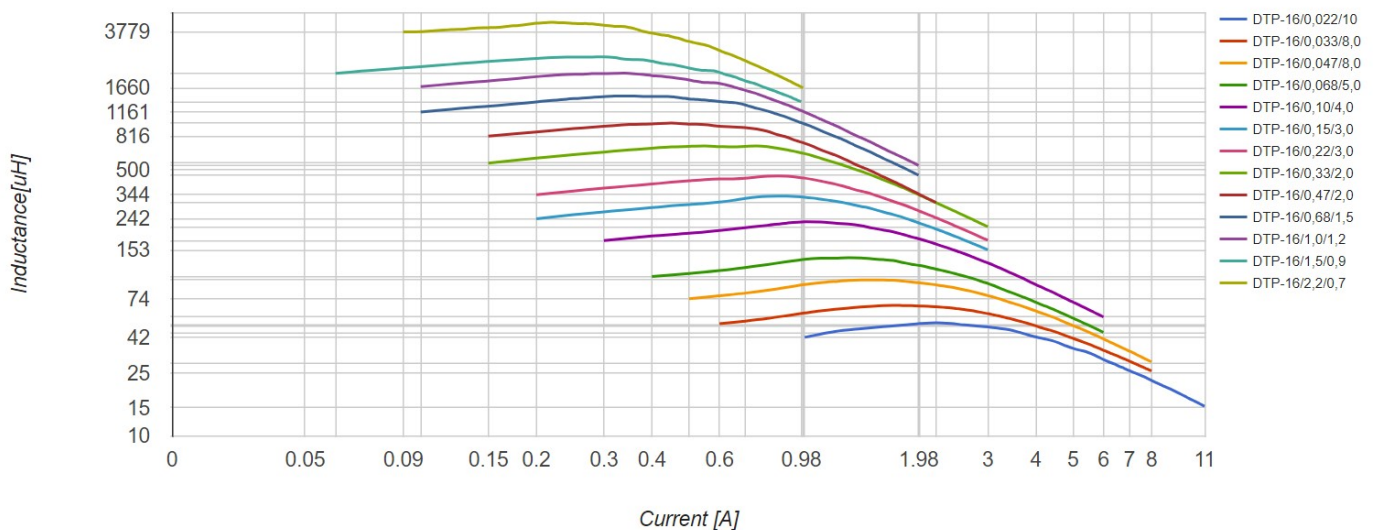
Part number	L_{nom} [μ H] $\pm 15\%$	I_{nom} [A]	$L@I_{nomAC}$ [μ H]	$L@I_{nomDC}$ [μ H]	R_{DC} [m Ω]	ΔT [$^{\circ}$ C]*
DTP-16/0,022/10	22	10	17,3	10	8,1	39
DTP-16/0,033/8,0	33	8,0	25,84	15	14,9	48
DTP-16/0,047/8,0	47	8,0	29,53	18	18,5	57
DTP-16/0,068/5,0	68	5,0	56,13	30	45,8	57
DTP-16/0,1/4,0	100	4,0	71,02	43	45,0	48
DTP-16/0,15/3,0	150	3,0	153	79	68,4	30
DTP-16/0,22/3,0	220	3,0	176	97	77,7	30
DTP-16/0,33/2,0	330	2,0	341	174	152,7	27
DTP-16/0,47/2,0	470	2,0	344	198	191,7	36
DTP-16/0,68/1,5	680	1,5	638	345	287,8	31
DTP-16/1,0/1,2	1000	1,2	950	505	432,0	30
DTP-16/1,5/0,9	1500	0,9	1480	765	792,0	33
DTP-16/2,2/0,7	2200	0,7	2470	1170	1047	26

* winding losses only.

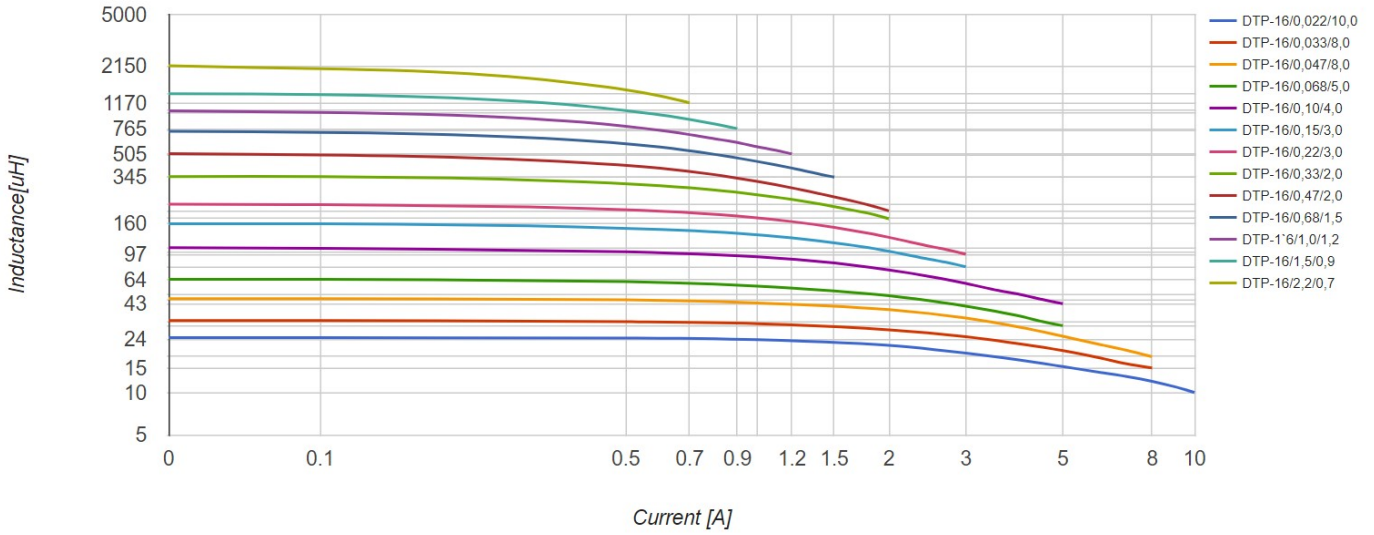
- Inductance tolerance: $\pm 15\%$
- LCR meter $f=10\text{kHz}$, 0.3V
- [I]- Current max: 0,7A - 10A
- RDC Cu wire resistance $\pm 20\%$

CHARACTERISTICS:

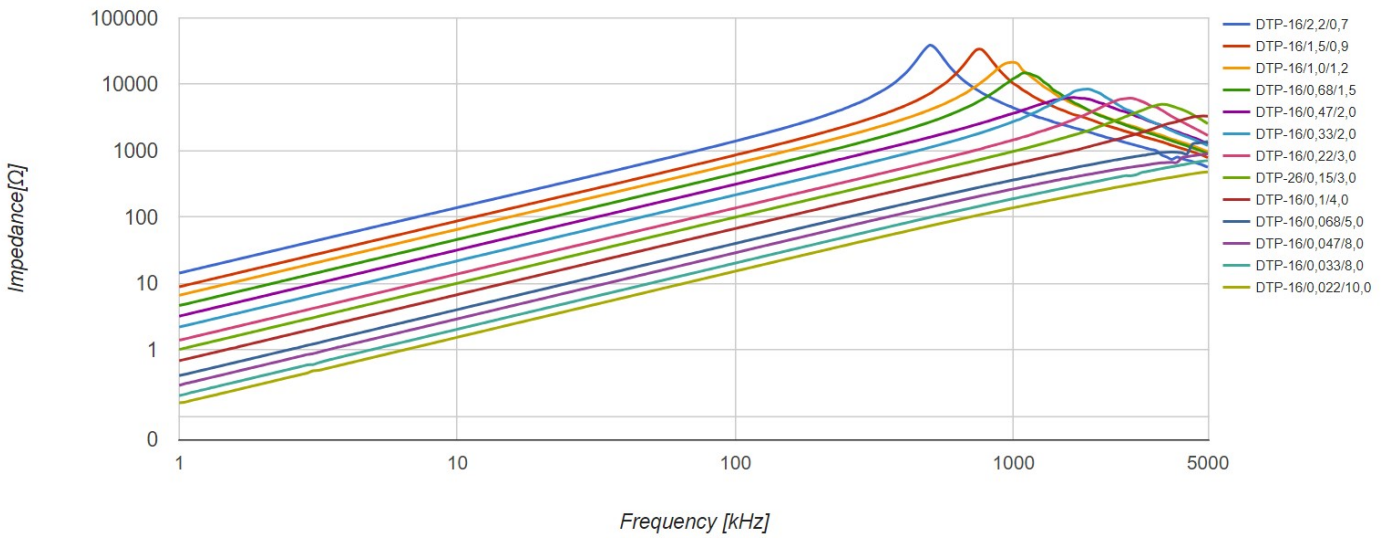
Inductance AC graph DTP-16



Inductance DC graph DTP-16



Impedance graph DTP-16



Attenuation graph DTP-16

