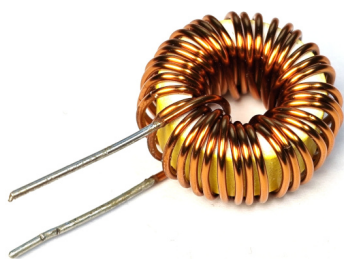


DTP-20 - Toroidal Power Inductors



APPLICATIONS:

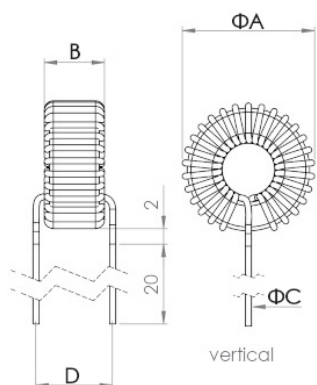
- Electromagnetic interference differential mode filters for power supplies
- Motor powering circuits filters
- Input filters for inverters
- DC smoothing for PSU outputs

ORDERING CODE:

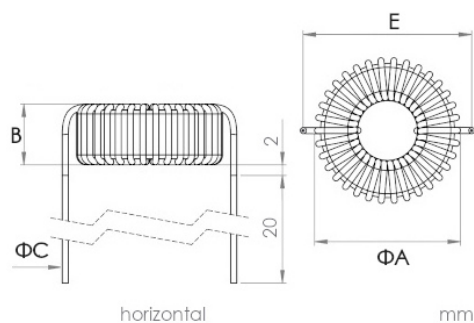
DTP - 20 / 2,2 / 1,9 - V

DTP - product symbol
 20 - core outer diameter
 2,2 - inductance in mH@I_{DC}=0A
 1,9 - rated current in Amps
 V - mounting: V - vertical, H - horizontal

DIMENSIONS



vertical version



horizontal version

Part number	Dimensions				
	ΦA (max) [mm]	B (max) [mm]	ΦC (max) [mm]	D (max) [mm]	E (max) [mm]
DTP-20/0,022/10	26	15	1,0	16	30
DTP-20/0,033/10	26	15	0,9	16	30
DTP-20/0,047/10	26	14	0,9	15	31
DTP-20/0,68/7,8	26	15	0,8	16	31
DTP-20/0,1/7,8	26	14	0,7	15	30
DTP-20/0,15/7,0	26	15	0,6	16	31
DTP-20/0,22/6,3	26	15	0,6	16	30
DTP-20/0,33/5,0	26	14	0,6	15	30
DTP-20/0,47/3,5	25	15	0,6	16	30
DTP-20/0,68/3,0	25	14	0,5	15	29
DTP-20/0,1/2,8	26	14	0,5	15	29
DTP-20/1,5/2,2	25	14	0,5	16	28
DTP-20/2,2/1,9	26	14	0,4	15	28

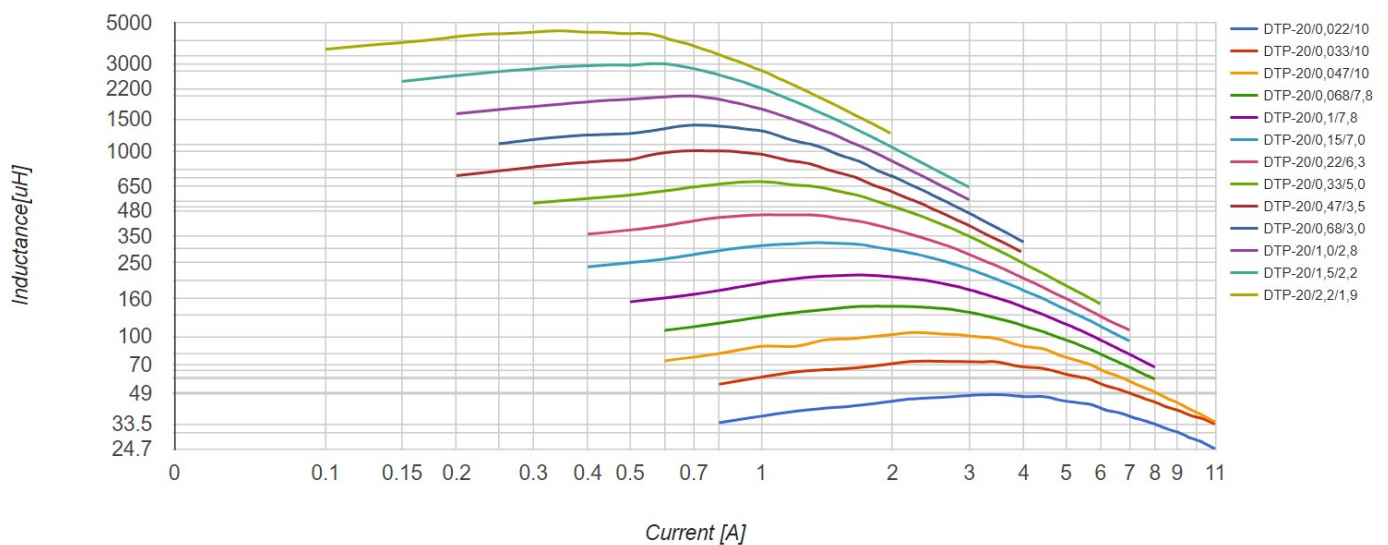
ELECTRICAL PROPERTIES

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-20/0,022/10	22	10	27	13,0	8,7	27
DTP-20/0,033/10	33	10	35	18,0	11	30
DTP-20/0,047/10	47	10	38	21,0	13	36
DTP-20/0,068/7,8	68	7,8	60	31,5	21	37
DTP-20/0,1/7,8	100	7,8	70	51,5	26	45
DTP-20/0,15/7,0	150	7,0	94	56,0	35	51
DTP-20/0,22/6,3	220	6,3	120	76,0	50	60
DTP-20/0,33/5,0	330	5,0	185	115	70	55
DTP-20/0,47/3,5	470	3,5	335	195	120	44
DTP-20/0,68/3,0	680	3,0	460	260	155	43
DTP-20/0,1/2,8	1000	2,8	595	365	220	51
DTP-20/1,5/2,2	1500	2,2	935	560	360	51
DTP-20/2,2/1,9	2200	1,9	1320	825	490	51

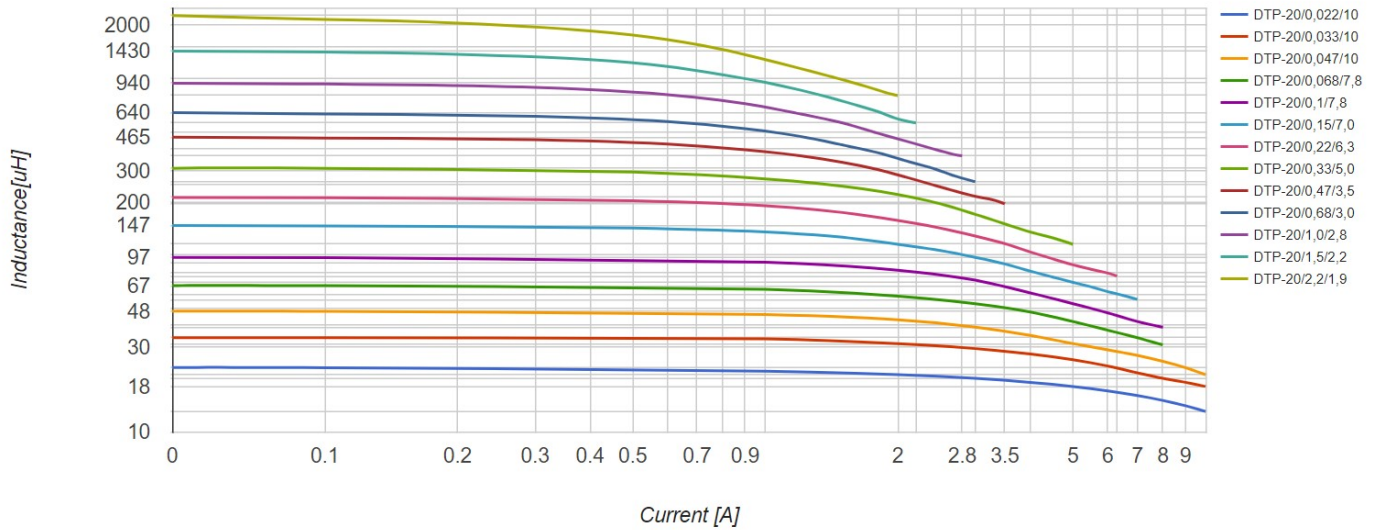
* winding losses only.

CHARACTERISTICS:

Inductance AC graph DTP-20



Inductance DC graph DTP-20



Impedance graph DTP-20,2

