

DTP-33 - Toroidal Power Inductors

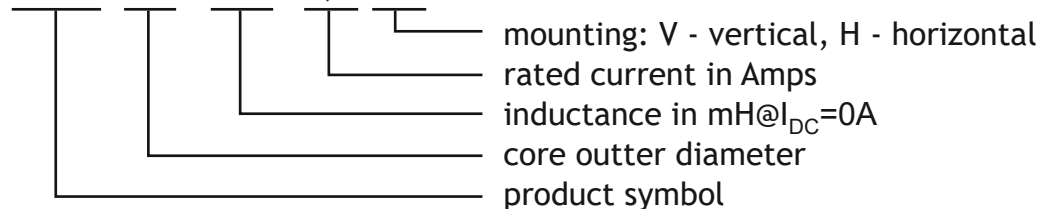


APPLICATIONS:

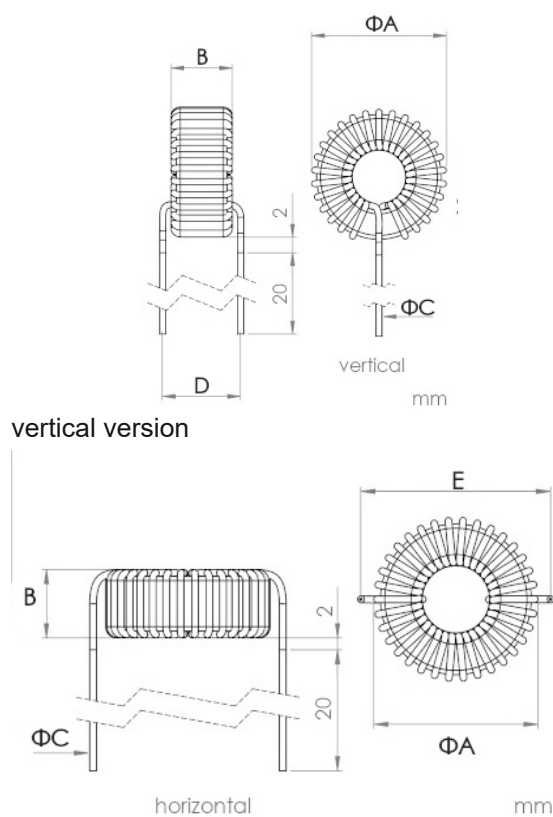
- Electromagnetic interference differential mode filters for power supplies
- Motor powering circuits filters
- Input filters for inverters
- DC smoothing for PSU outputs

ORDERING CODE:

DTP - 33 / 10 / 1,3 - V



DIMENSIONS



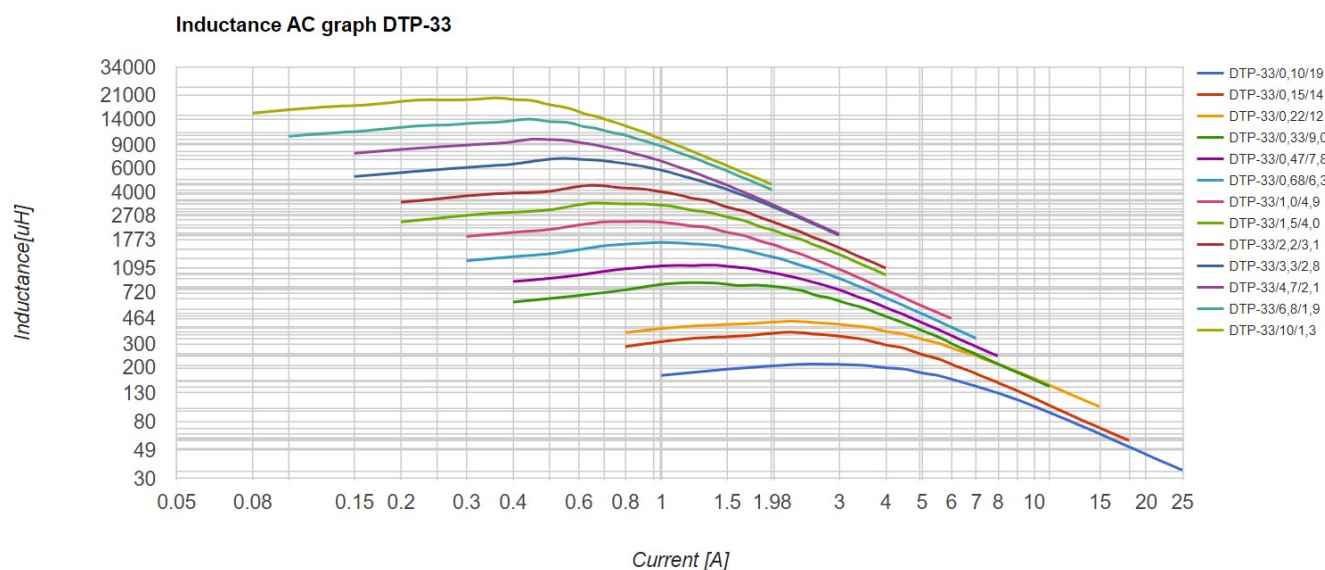
Part number	Dimensions				
	ΦA (max) [mm]	B (max) [mm]	ΦC (max) [mm]	D (max) [mm]	E (max) [mm]
DTP-33/0,10/19	39	18	2,3	16	44
DTP-33/0,15/14	39	17	1,9	17	43
DTP-33/0,22/12	40	18	1,7	17	44
DTP-33/0,33/9,0	39	18	1,5	15	42
DTP-33/0,47/7,8	39	15	1,4	16	42
DTP-33/0,68/6,3	39	17	1,1	15	42
DTP-33/1,0/4,9	39	17	1,2	16	42
DTP-33/1,5/4,0	38	16	1,0	15	40
DTP-33/2,2/3,1	38	16	1,0	17	40
DTP-33/3,3/2,8	40	17	0,9	17	42
DTP-33/4,7/2,1	38	16	0,6	16	40
DTP-33/6,8/1,9	38	16	0,6	15	40
DTP-33/10/1,3	38	15	0,6	15	40

ELECTRICAL PROPERTIES

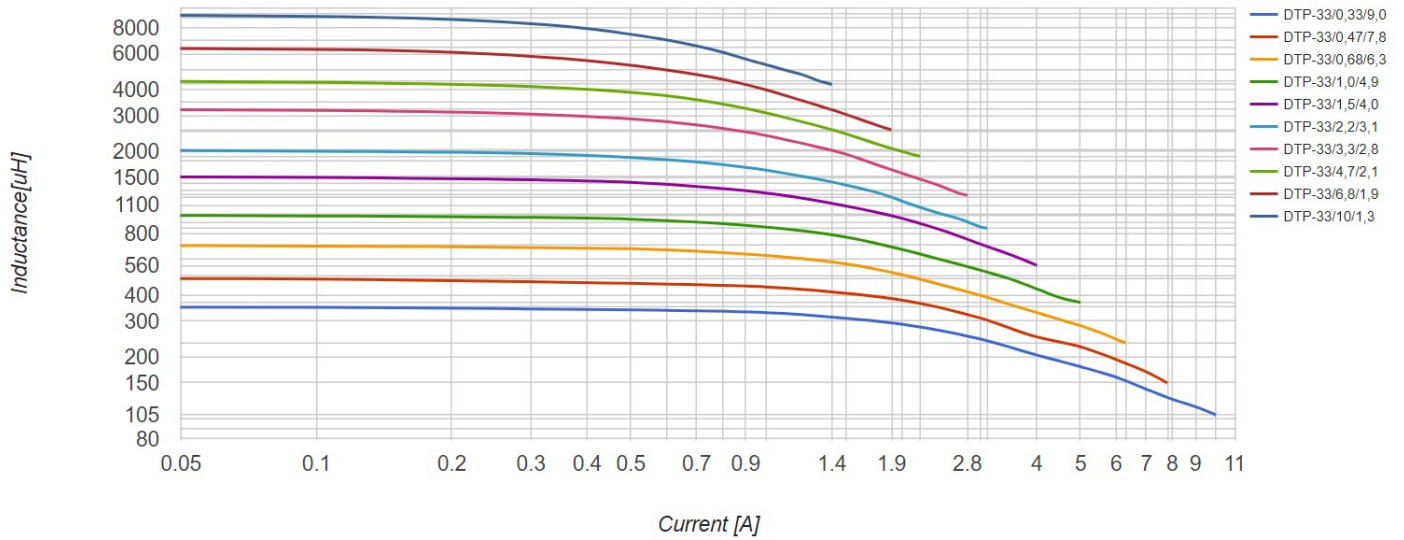
Part number	L_{nom} [μ H] $\pm 15\%$	I_{nom} [A]	$L@I_{nom}$ [μ H]	R_{DC} [m Ω]	ΔT [$^{\circ}$ C]*
DTP-33/0,10/19	100	19	48,4	9,8	97
DTP-33/0,15/14	150	14	78	18,1	91
DTP-33/0,22/12	220	12	134	24	88
DTP-33/0,33/9,0	330	9,0	185	41	97
DTP-33/0,47/7,8	470	7,8	250	64	105
DTP-33/0,68/6,3	680	6,3	375	94	100
DTP-33/1,0/4,9	1000	4,9	589	144	100
DTP-33/1,5/4,0	1500	4,0	980	221	68
DTP-33/2,2/3,1	2200	3,1	1490	326	98
DTP-33/3,3/2,8	3300	2,8	2090	455	103
DTP-33/4,7/2,1	4700	2,1	3300	690	91
DTP-33/6,8/1,9	6800	1,9	4390	918	94
DTP-33/10/1,3	10000	1,3	8060	1530	73

* winding losses only.

CHARACTERISTICS:



Inductance DC graph DTP-33



Impedance graph DTP-33

