

DEHF - HI-FLUX HIGH CURRENT INDUCTORS

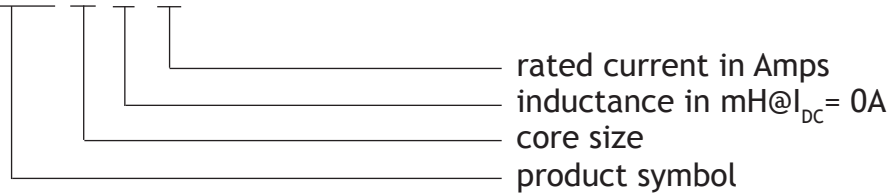


APPLICATIONS:

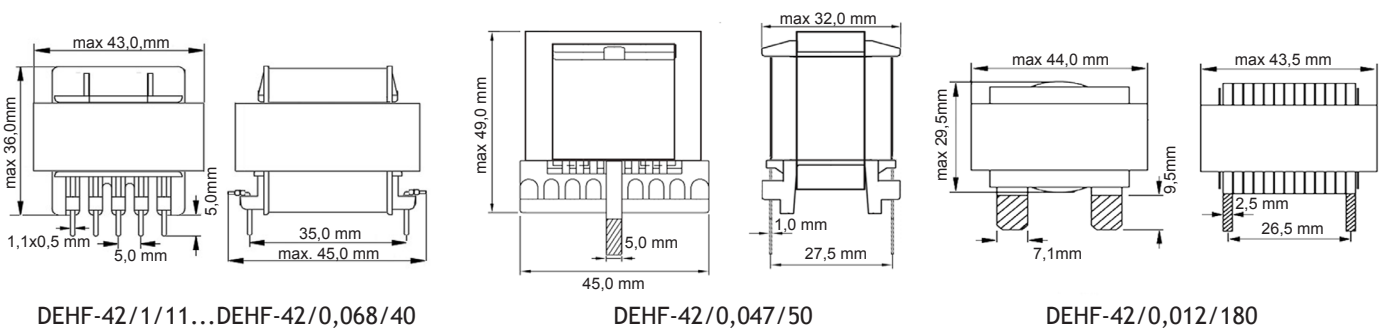
- Noise suppression chokes (DC 100kHz)
- Energy storage chokes (DC 100kHz)
- AC and DC filter
- EMI filter (DC - 1MHz)
- SMPS
- Chokes for high DC bias applications
- Output chokes for welding machines

ORDERING CODE:

DEHF-42/1/11



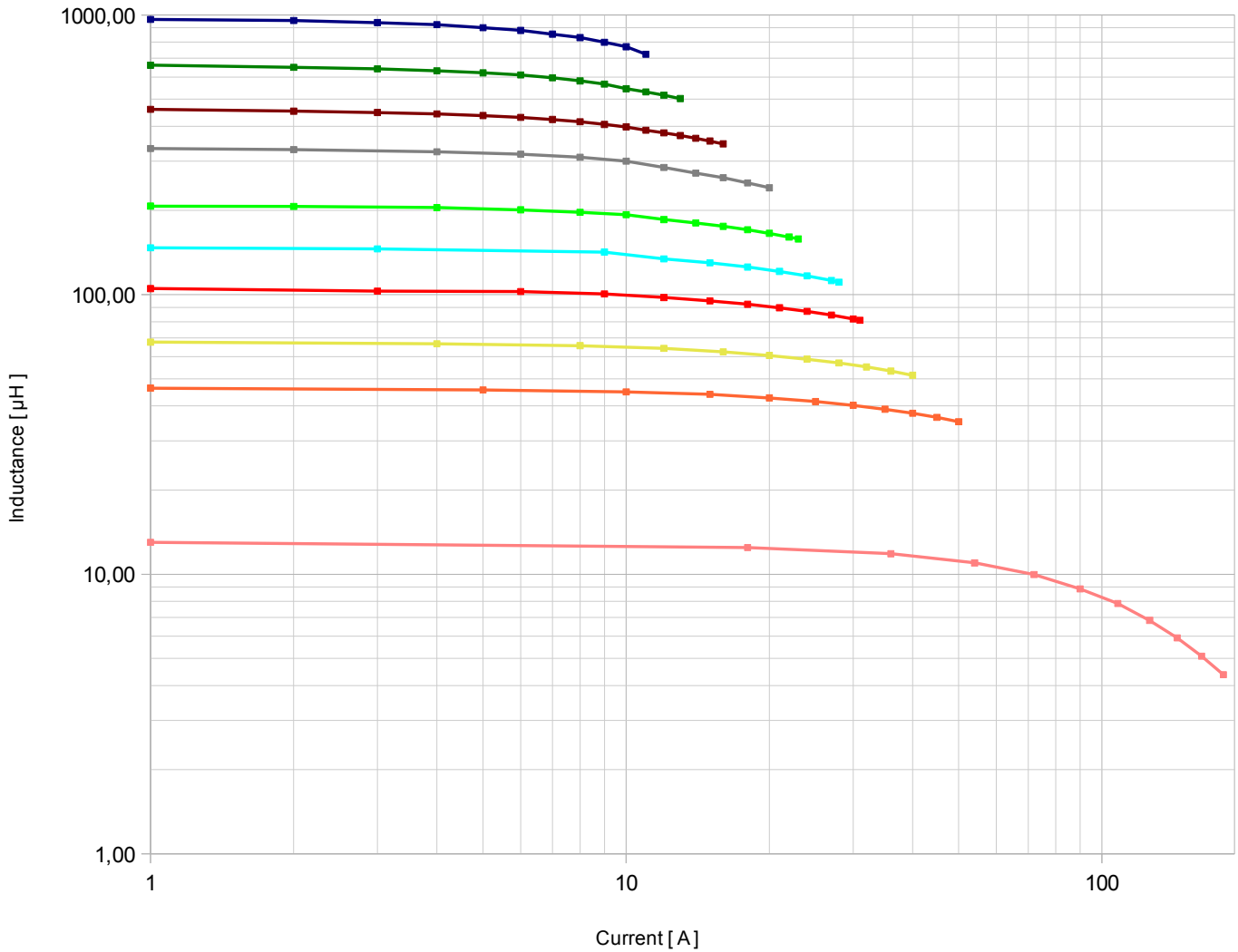
DIMENSIONS:



ELECTRICAL PROPERTIES:

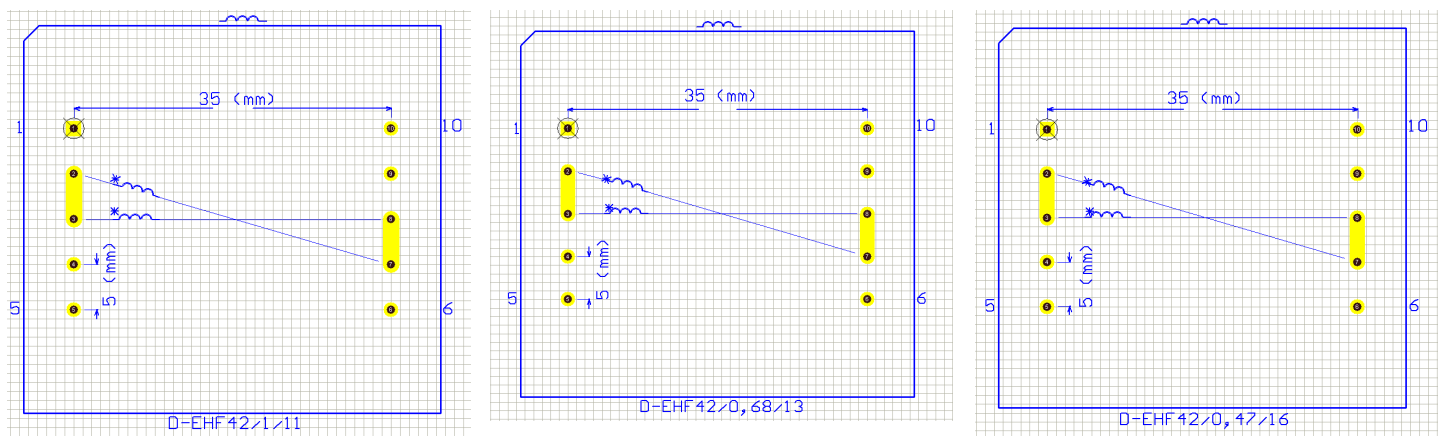
DEHF chokes						
symbol	L_{max} [μH]	I_{max} [A]	$L@I_{max}$ [μH]	RDC [Ω]	wire / flat wire [mm]	cross section [mm ²]
DEHF-42/1,00/11	1000	11,0	724	0,105	2x0,85	1,13
DEHF-42/0,68/13	680	13,0	502	0,072	2x0,95	1,42
DEHF-42/0,47/16	470	16,0	346	0,053	2x1	1,57
DEHF-42/0,33/20	330	20,0	241	0,039	2x1,12	1,97
DEHF-42/0,22/23	220	23,0	158,1	0,030	3x1	2,36
DEHF-42/0,15/28	150	28,0	110,8	0,021	3x1,12	2,95
DEHF-42/0,10/31	100	31,0	81,0	0,016	4x1	3,14
DEHF-42/0,068/40	68	40,0	51,5	0,012	3x1,3	3,98
DEHF-42/0,047/50	47	50,0	35,1	0,010	flat 5x1	5,00
DEHF-42/0,012/180	13	180,0	4,37	0,0001	flat 7,1x2,5	17,75

CHARACTERISTICS:



- D-EHF42/1/11
- D-EHF42/0,68/13
- D-EHF42/0,47/16
- D-EHF42/0,33/20
- D-EHF42/0,22/23
- D-EHF42/0,15/28
- D-EHF42/0,1/31
- D-EHF42/0,068/40
- D-EHF42/0,047/50
- D-EHF42/0,12/180

FOOTPRINTS AND WINDINGS CONNECTIONS (TOP VIEW):



FOOTPRINTS AND WINDINGS CONECTIONS:

