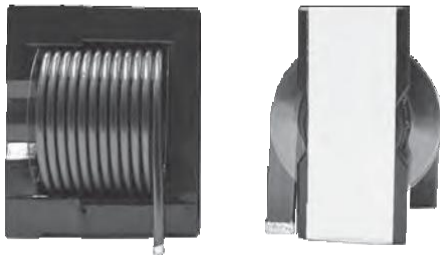


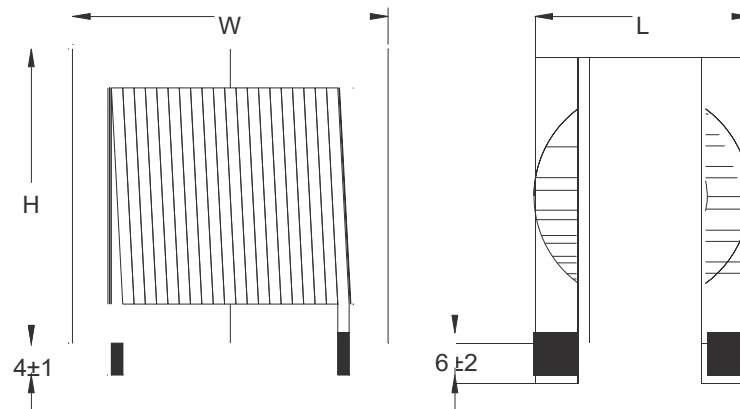
MTF-420X SERIES



- Designed for Flat Helix Winding Coil high current, high volt*time applications
- Lowest DCR, lower loss, reduce size, high efficiency, less Temperature
- Winding to core isolation is 500 Vrms

MTF-4201-420

Inductance Value
Dimensions Size
Flat Wire



TypeSize	4201	4202	4203
L(mm)	32	32	32
W(mm)	27	35	43
H(mm)	43	43	43

Part No.	Inductance *1 (μH)	Saturation current (A)				DCR (mΩ) max. @20°C	Mounting Holes Pattern (mm)
		25°C		130°C			
		L(μH) *2	Isat (ADC)	L(μH)	Isat (ADC)		
MTF-4201-420	48 ± 20%	42	20	33.7	23.9	5.4	1.5 x 7.5
MTF-4201-300	32 ± 20%	30	25	20.2	28.5	3.3	1.7 x 7.5
MTF-4201-110	15 ± 20%	11	39	8.4	44.3	1.5	2.3 x 7.5
MTF-4201-5R5	9 ± 20%	5.5	52	4.3	60.7	0.9	2.7 x 7.5
MTF-4202-770	80 ± 20%	77	16	57.2	18.4	9.0	1.5 x 7.5
MTF-4202-520	55 ± 20%	52	20	38.9	20.7	5.9	1.7 x 7.5
MTF-4202-190	22 ± 20%	19	33	14.3	35.7	2.3	2.3 x 7.5
MTF-4202-130	16 ± 20%	13	40	9.7	44.2	1.5	2.7 x 7.5
MTF-4203-261	260 ± 20%	255	6.5	200	7.5	18	1.5 x 7.5
MTF-4203-201	200 ± 20%	200	10	148	9.8	10.5	1.5 x 7.5
MTF-4203-340	38 ± 20%	34	26	27	25.9	3.5	2.3 x 6.5
MTF-4203-500	55 ± 20%	50	30	35.7	23.8	5.0	1.9 x 6.5
MTF-4203-4R0	6.5 ± 20%	4.0	75	3.2	82.7	0.5	4.5 x 7.5

1. Inductance measuring condition: at 100 KHz, 0.1 Vrms
2. The saturation current (Isat) : indicates the value of D.C when the inductance become about 20%
3. Operating temperature range -25°C to +130°C. (Including coil's self temperature rise)
4. Storage temperature range -25°C to +130°C.
- 5 The temp. rise : The value of DC current when temp. rise is Δt 40 , (Ta =25 degree)

