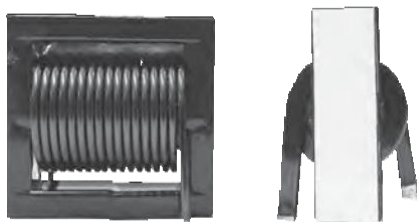


MTF-390X_{SERIES}

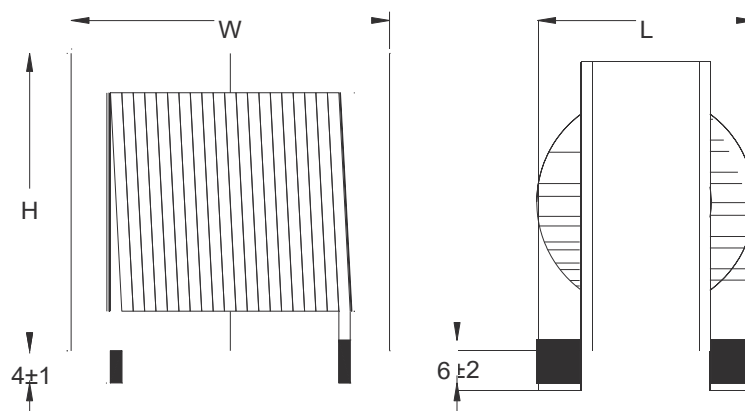


- Designed for Flat Helix Winding Coil high current, high volt*time applications
- Lowest DCR, lower loss, reduce size, high efficiency, less Temperature
- Winding to core isolation is 500 Vrms

MTF-3901-650

Inductance Value
Dimensions Size
Flat Wire

Mechanical Dimensions:



Size	L(mm)	W(mm)	H(mm)
	23.5	40	40

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-3901-650	72 ± 20%	65	13	54.4	15.5	9.5	1.4 x 5.5
MTF-3901-400	45 ± 20%	40	18	31.2	16.6	5.2	1.7 x 5.5
MTF-3901-150	19 ± 20%	15	27	13.1	28.4	2.2	2.2 x 5.5
MTF-3901-8R0	12 ± 20%	8	39	6.3	29.5	1.3	2.7 x 5.5

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)