

MTF-490X SERIES

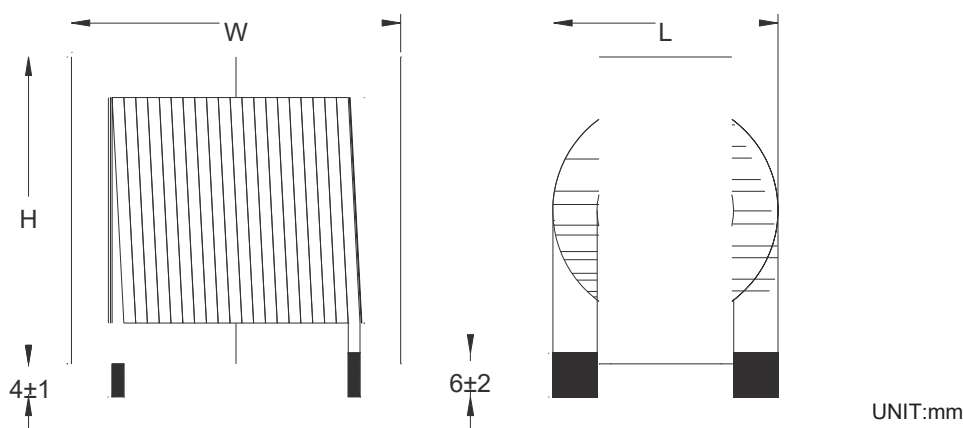


- Designed for Flat Helix Winding Coil high current, high volt*time applications
- Lowest DCR, lower loss, reduce size, high efficiency, less Temperature
- Winding to core isolation is 500 Vrms

MTF-4901-161

Inductance Value
Dimensions Size
Flat Wire

Mechanical Dimensions:



Size	L(mm)	W(mm)	H(mm)
	37	43	50

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-4901-161	160 ± 20%	155	14	110	13.6	14	1.5 x 7.5
MTF-4901-940	100 ± 20%	94	18	66.7	16.2	8.6	1.7 x 7.5
MTF-4901-370	41 ± 20%	36.5	28	28.8	24.6	3.5	2.3 x 7.5
MTF-4901-240	27.5 ± 20%	24	35	18.6	34.7	2.2	2.7 x 7.5
MTF-4901-130	16.5 ± 20%	13	47	10.3	42.6	1.3	3.3 x 7.5
MTF-4901-8R0	11 ± 20%	8.0	57	6.9	58.4	0.9	3.7 x 7.5
MTF-4901-6R0	9.0 ± 20%	6.0	70	4.8	57.5	0.65	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)