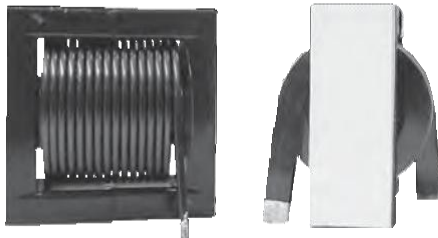


# MTF-280X<sub>SERIES</sub>

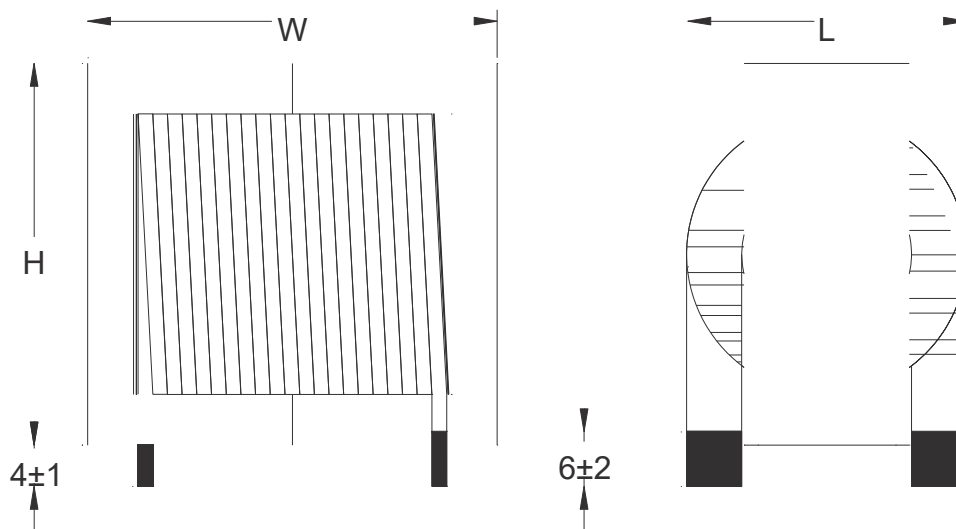


- Designed for Flat Helix Winding Coil high current, high volt\*time applications
- Lowest DCR, lower loss, reduce size, high efficiency, less Temperature
- Winding to core isolation is 500 Vrms

MTF-2801-350

Inductance Value  
Dimensions Size  
Flat Wire

Mechanical Dimensions:



Size	L(mm)	W(mm)	H(mm)
	22	29	29.5

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-2801-350	34.5 ± 20%	34.5	12	24.4	13.2	9.0	1.4 x 5.5
MTF-2801-190	19.4 ± 20%	19.4	16	15.6	16.2	4.8	1.7 x 5.5
MTF-2801-8R6	8.6 ± 20%	8.6	24	6.5	24.5	2.2	2.2 x 5.5
MTF-2801-4R8	4.8 ± 20%	4.8	34	3.2	35	1.2	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)

