elytone

ETF-260X

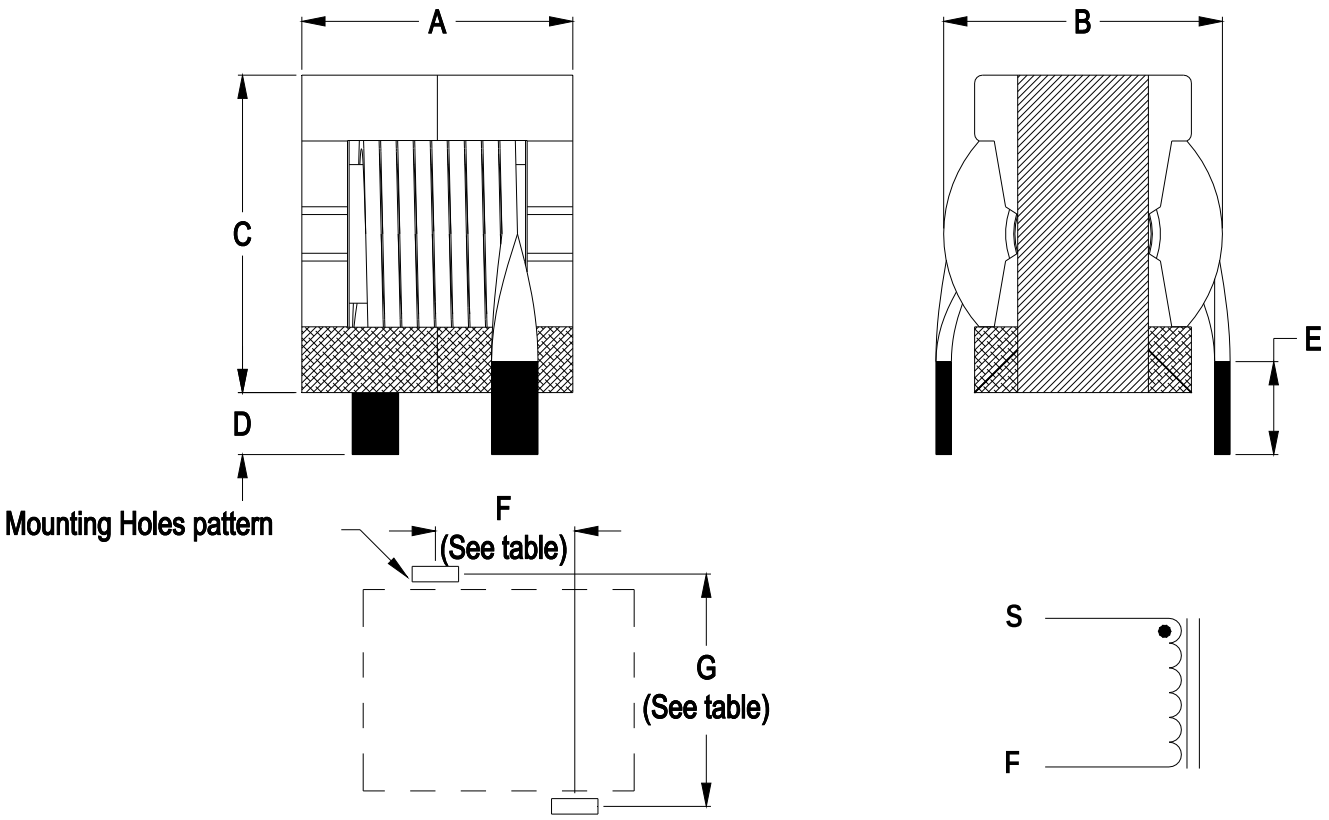
Series



High Current Inductor

- 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 500Vrms
- Operating temperature range -25°C to +100°C (Including coil's self temperature rise)
- Storage temperature range -25°C to +100°C
- The temp. rise: Δt 40, The value of DC current when temp (Ta = 25°C)
- Electrical specifications at 25°C

ETF-260X Series



(RECOMMENDED PCB LAYOUT) UNIT: mm

Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
2601	22 Max	28 Max	28.5 Max	4±1	6±2
2602	26.5 Max	28 Max	28.5 Max		

ETF-260X Series

Part No.	Inductance*1 (μH)	Saturation current (A)				DCR (mΩ) Max	Mounting Holes Pattern (mm)	PIN Pitch Size (F x G)
		25°C		130°C				
		L*2 (μH)	Isat (ADC)	L(μH)	Isat (ADC)			
ETF-2601-310	35 ± 20%	30.9	12	29.0	12	5.9	1.4 x 5.5	13.5 x 22.5
ETF-2601-140	17.2 ± 20%	13.7	10	13.7	10	2.8	1.7 x 5.5	13.0 x 22.5
ETF-2601-7R7	10.5 ± 20%	8.7	7	6.8	7	1.5	2.2 x 5.5	11.5 x 25.0
ETF-2601-3R4	6.0 ± 20%	5.1	7	4.0	7	0.8	2.7 x 5.5	10.5 x 23.5
ETF-2602-480	48 ± 20%	44.0	11	43.8	11	8.6	1.4 x 5.5	17.5 x 23.0
ETF-2602-240	25.7 ± 20%	22.0	15.5	21.9	15.5	4.0	1.7 x 5.5	18.0 x 23.0
ETF-2602-110	12.7 ± 20%	10.5	10	9.6	10	1.9	2.2 x 5.5	16.0 x 25.0
ETF-2602-5R9	8.3 ± 20%	7.2	6	5.62	6	1.1	2.7 x 5.5	16.5 x 25.0

*1 Inductance measuring condition: at 100kHz, 0.1Vrms
*2 The saturation current (Isat): indicates the DC current at which the inductance drops by about 20%