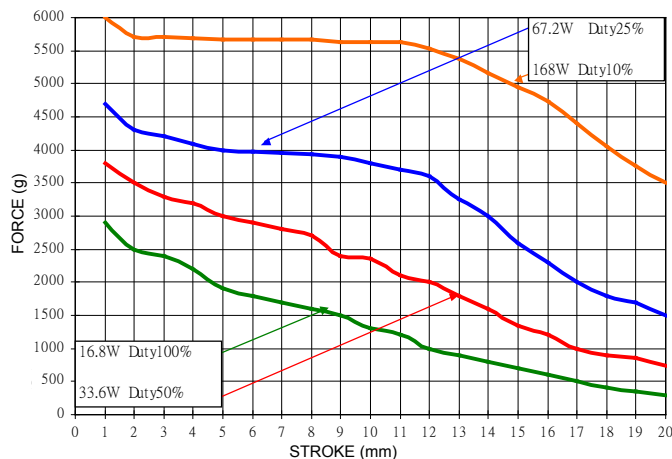


T3864 TUBULAR SOLENOIDS

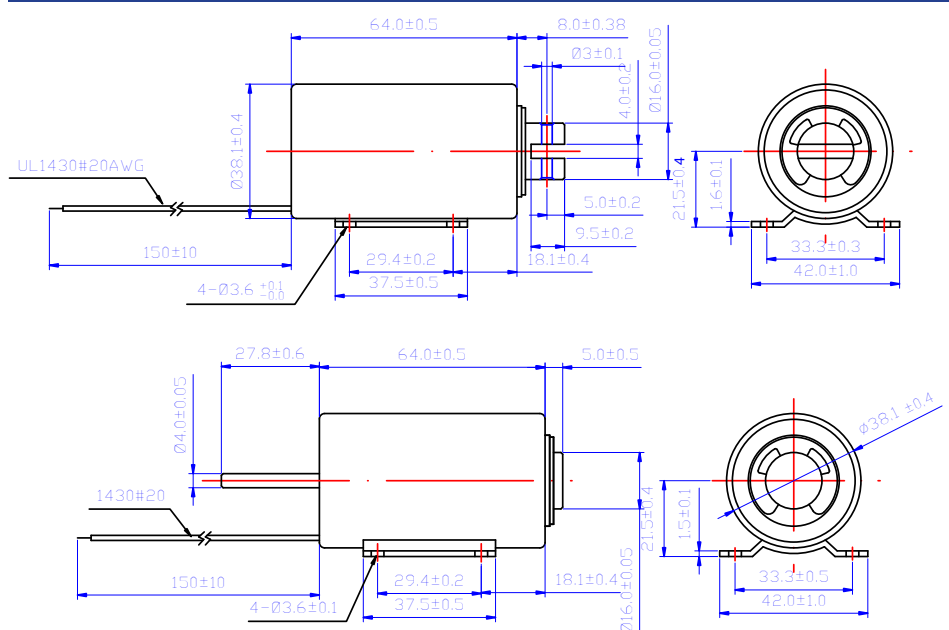
Solenoids tubular type for linear motion. Small solenoids with low weight designed for maximal force and performance. Low power losses and low acoustic noise during operation. The plunger force and speed can be increased by applying a higher voltage but with respect to the average duty cycle of the application and ambient temperature. The solenoids are made in basically two types, pull type and push type. The push type is a pull type with an extended plunger rod with an exit at the rear side of the solenoid. In standard version both type solenoids are delivered excluding spring.

DIAGRAM



BASIC DATA			Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$						
Watts at 20°C			16.8	33.6	67.2	168
Maximum "ON" time in seconds			∞	420	100	25
Type no.		Resistance (20°C) $\pm 10\%$	DC Volts			
T3864L-06V	T3864S-06V	2.1	6	8.5	12	19
T3864L-12V	T3864S-12V	8.5	12	17	24	38
T3864L-24V	T3864S-24V	34	24	34	48	76
T3864L-48V	T3864S-48V	136	48	68	96	152

APPEARANCE SIZE



ADDITIONAL DATA

- Insulation grade: E (120 °C), wire A (105 °C)
- Temperature rise: 80 °C continuous, 40 °C ambient with cooling flange
- Isolation resistance: > 100M ohm 500 VDC
- Dielectric strength: AC1000V 50/60Hz 1 minute
- Operating temp. range: -20 °C ~ + 40 °C
- Life expectancy: Standard life 2.000.000 cycles or more
- Total weight: 497g