

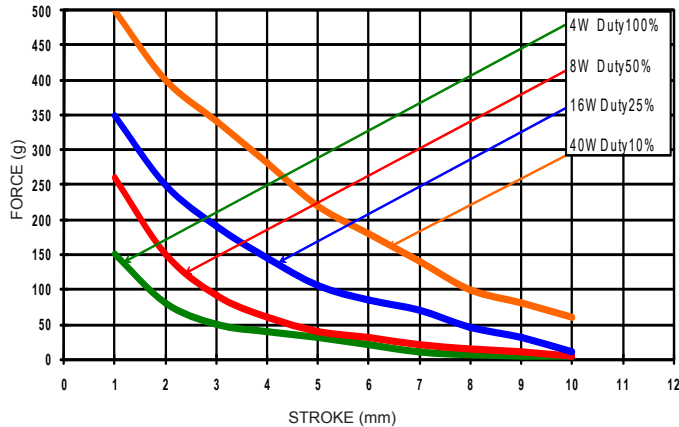
Tubular solenoids General catalogue



T1130 TUBULAR SOLENOIDS

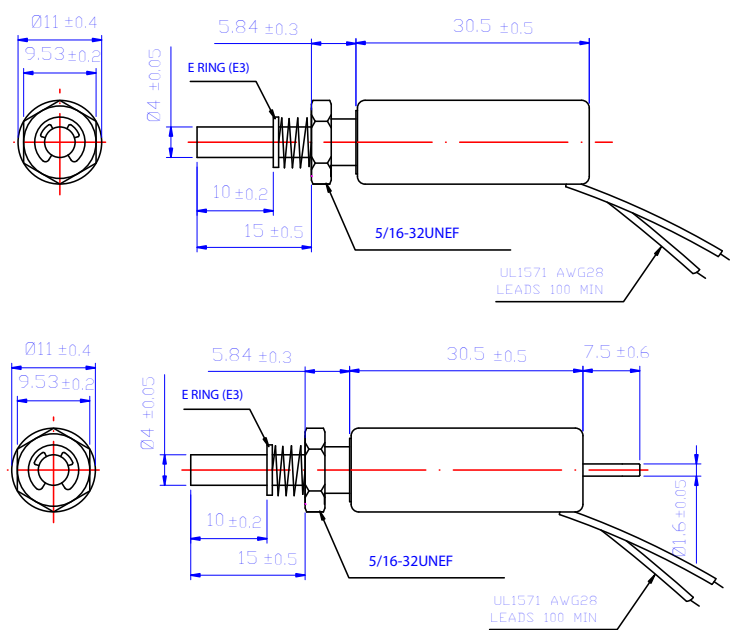
Solenoids tubular type for linear motion. Small solenoids with low weight designed for maximal force and performance. Low power losses and low acoustic noise during operation. The plunger force and speed can be increased by applying a higher voltage but with respect to the average duty cycle of the application 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 including 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			4	8	16	40
Maximum "ON" time in seconds			∞	50	5	2
Type no.		Resistance (20°C) ±10%	DC Volts			
T1130L-06V	T1130S-06V	9	6	8.5	12	19
T1130L-12V	T1130S-12V	36	12	17	24	38
T1130L-24V	T1130S-24V	144	24	34	48	76
T1130L-48V	T1130S-48V	576	48	68	96	152

APPEARANCE SIZE



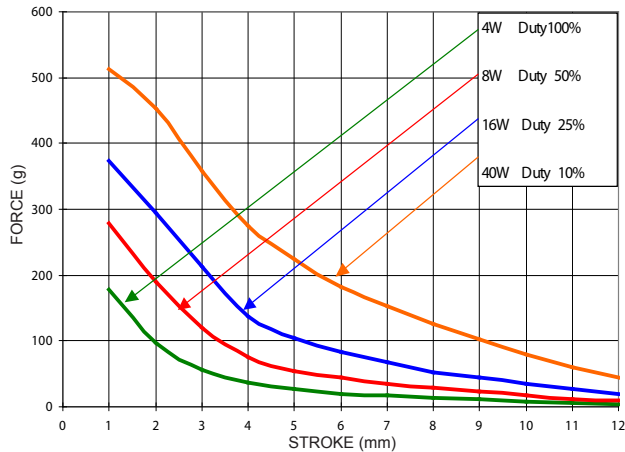
ADDITIONAL DATA

- 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: 17g

T1325 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 including spring.

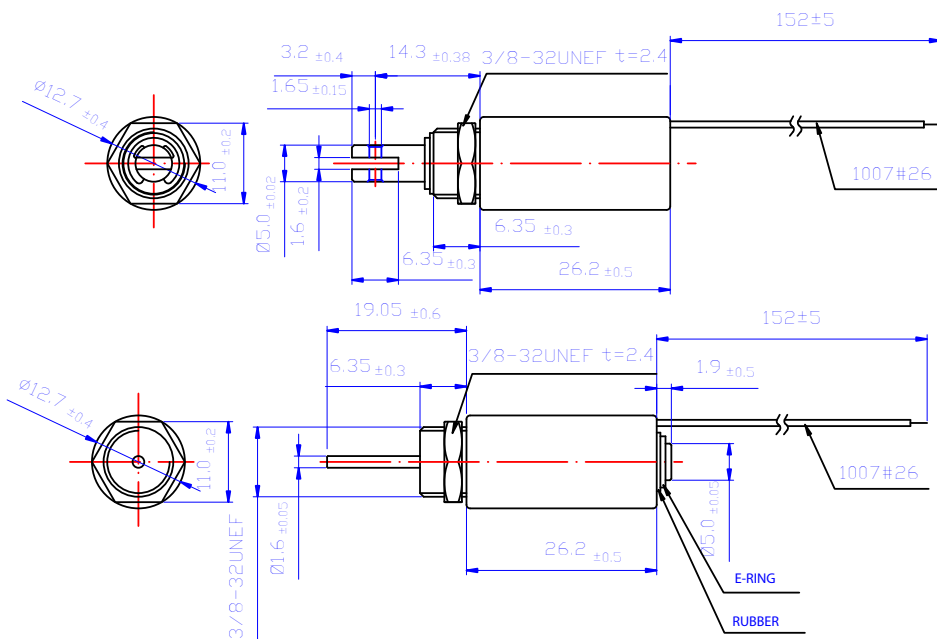
DIAGRAM



BASIC DATA

Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$			Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
Watts at 20°C			4	8	16	40
Maximum "ON" time in seconds			∞	50	5	2
Type no.		Resistance (20°C) ±10%	DC Volts			
T1325L-06V	T1325S-06V	9	6	8.5	12	19
T1325L-12V	T1325S-12V	8	12	17	24	38
T1325L-24V	T1325S-24V	144	24	34	48	76
T1325L-48V	T1325S-48V	576	48	68	96	152

APPEARANCE SIZE



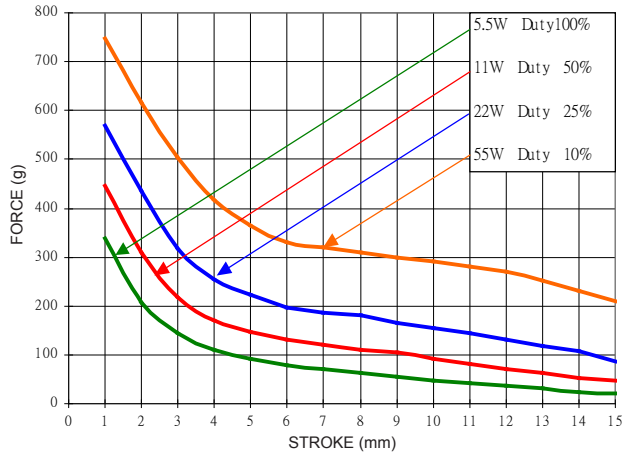
ADDITIONAL DATA

- 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: 23g

T1632 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 including spring.

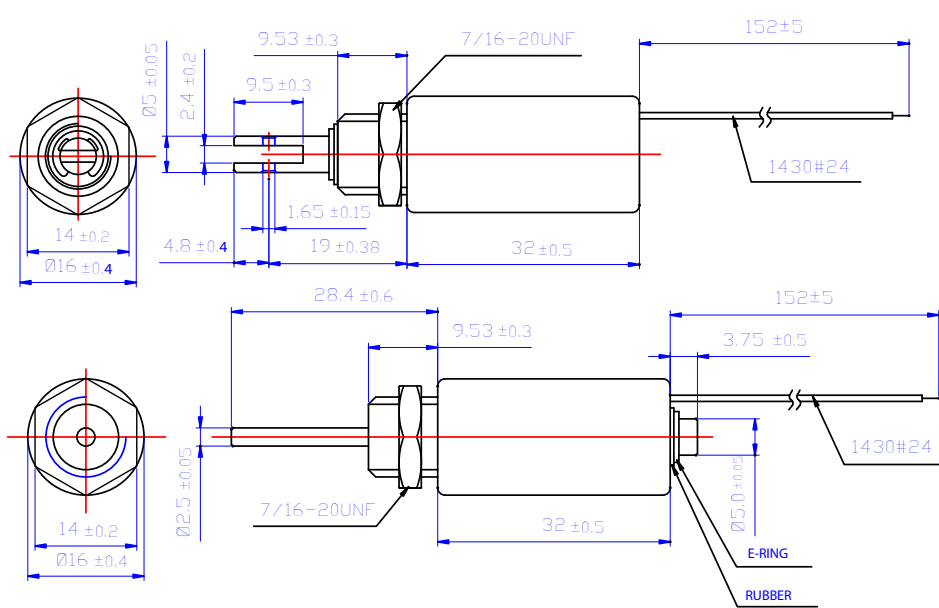
DIAGRAM



BASIC DATA

Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$		Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)	
Watts at 20°C		5.5	11	22	55	
Maximum "ON" time in seconds		∞	230	25	6	
Type no.		Resistance (20°C) ±10%	DC Volts			
T1632L-06V	T1632S-06V	6.5	6	8.5	12	19
T1632L-12V	T1632S-12V	26.2	12	17	24	38
T1632L-24V	T1632S-24V	104.7	24	34	48	76
T1632L-48V	T1632S-48V	419	48	68	96	152

APPEARANCE SIZE



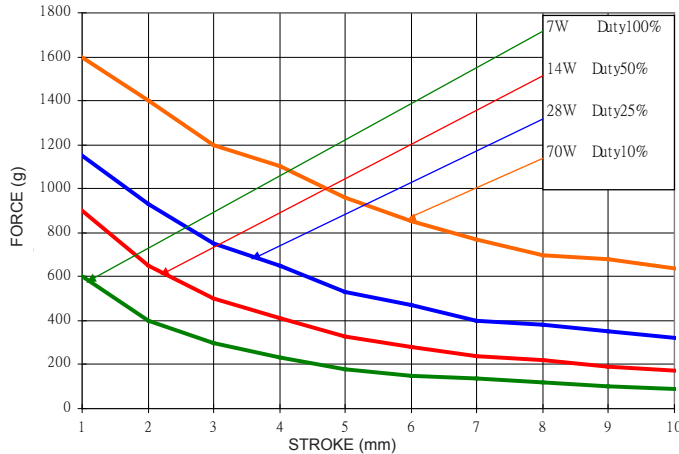
ADDITIONAL DATA

- 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: 47g

T1939 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 including spring.

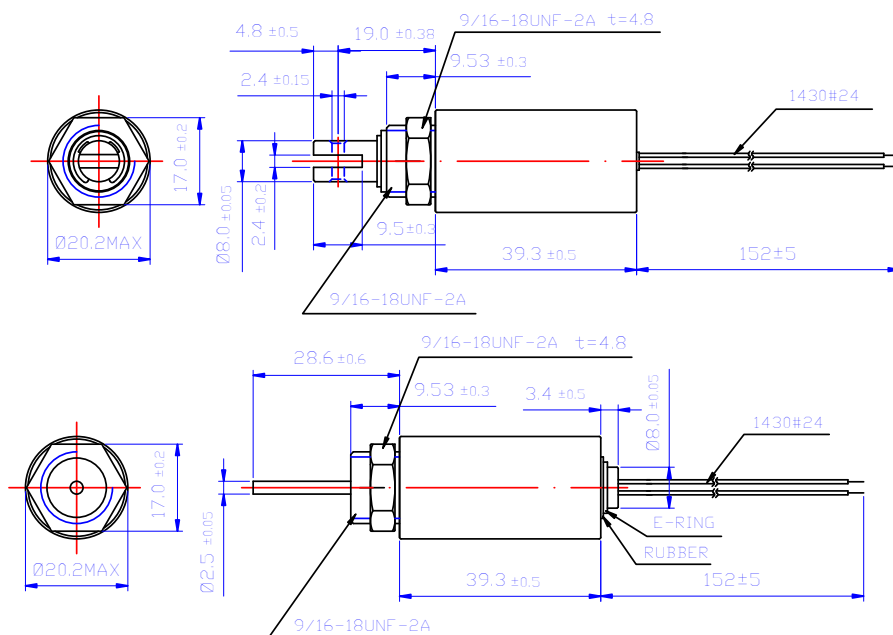
DIAGRAM



BASIC DATA

Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$		Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
Watts at 20°C		7	14	28	70
Maximum "ON" time in seconds		∞	230	25	6
Type no.		Resistance (20°C) ±10%	DC Volts		
T1939L-06V	T1939S-06V	5.14	6	8.5	12
T1939L-12V	T1939S-12V	20.6	12	17	24
T1939L-24V	T1939S-24V	82.3	24	34	48
T1939L-48V	T1939S-48V	329	48	68	96

APPEARANCE SIZE



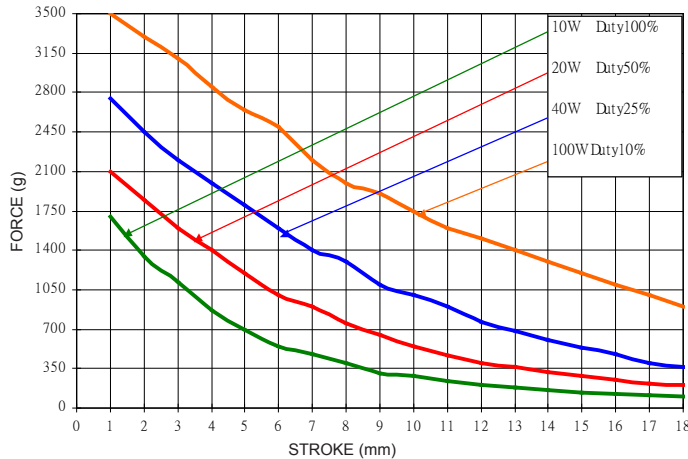
ADDITIONAL DATA

- 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: L 82g / S 81g

T2551 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 including spring.

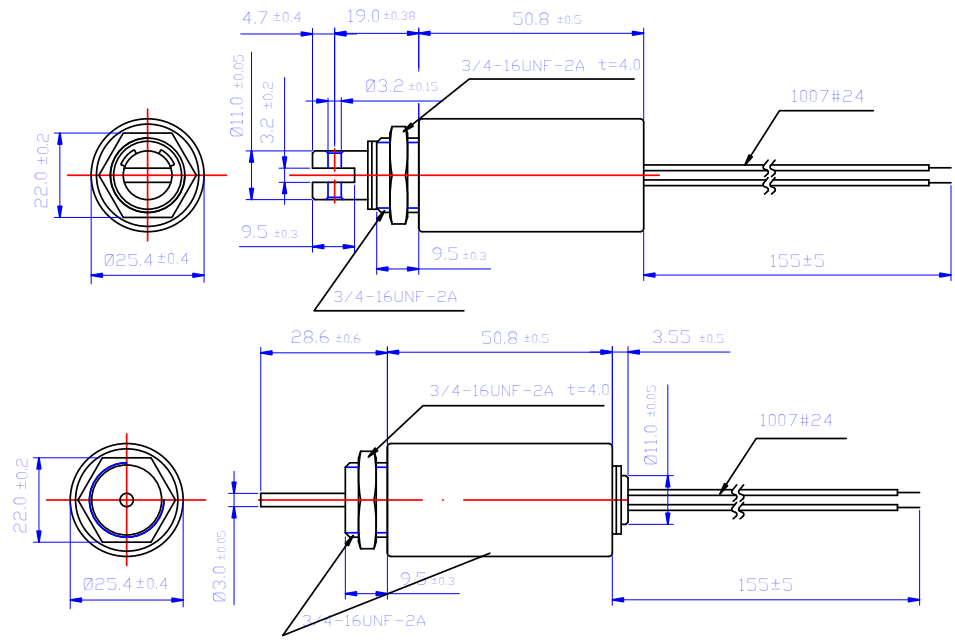
DIAGRAM



BASIC DATA

Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$			Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
Watts at 20°C			10	20	40	100
Maximum "ON" time in seconds			∞	360	32	8
Type no.		Resistance (20°C) ±10%	DC Volts			
T2551L-06V	T2551S-06V	3.6	6	8.5	12	19
T2551L-12V	T2551S-12V	14.4	12	17	24	38
T2551L-24V	T2551S-24V	57.6	24	34	48	76
T2551L-48V	T2551S-48V	230.4	48	68	96	152

APPEARANCE SIZE



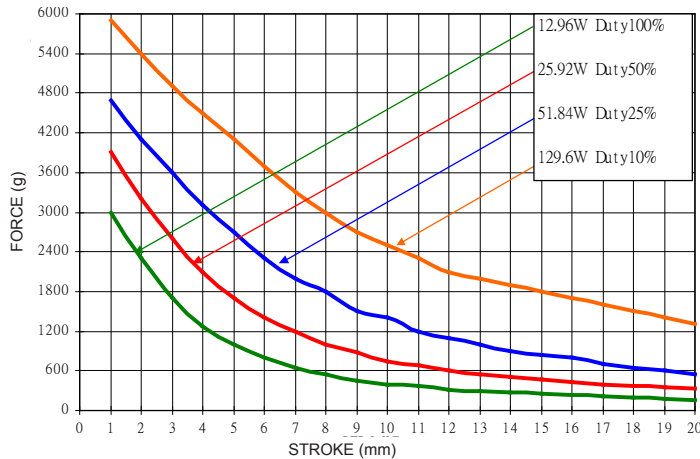
ADDITIONAL DATA

- 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: 178g

T3257 TUBULAR SOLENOIDS

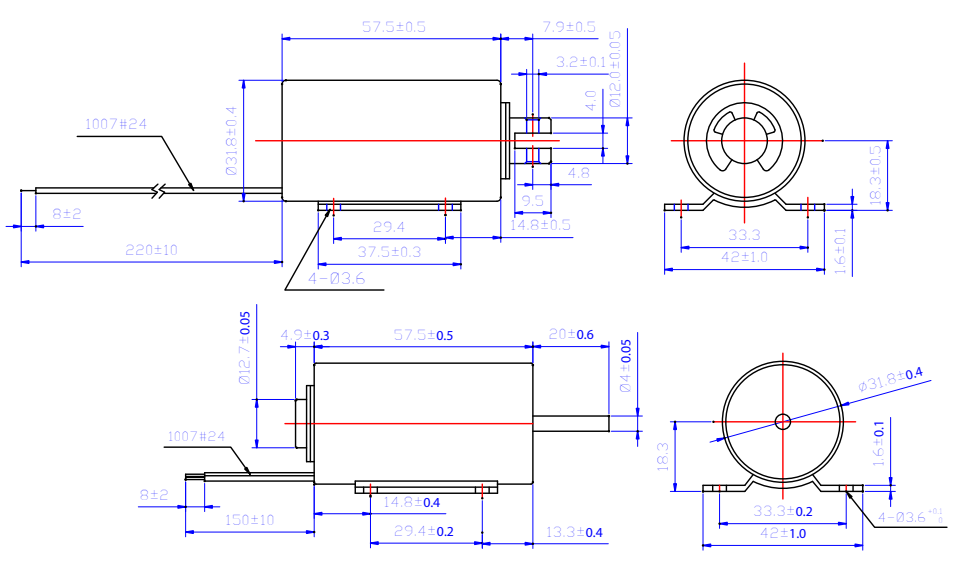
Solenoids tubular type for linear motion. Small solenoids with low weight designed for maximal force and performance. Low power losses and low acoustic noise during operation. The plunger force and speed can be increased by applying a higher voltage but with respect to the average duty cycle of the application 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 including 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			12.96	25.92	51.84	129.6
Maximum "ON" time in seconds			∞	390	60	18
Type no.		Resistance (20°C) ±10%	DC Volts			
T3257L-06V	T3257S-06V	2.77	6	8.5	12	19
T3257L-12V	T3257S-12V	11.07	12	17	24	38
T3257L-24V	T3257S-24V	44.3	24	34	48	76
T3257L-48V	T3257S-48V	177.2	48	68	96	152

APPEARANCE SIZE



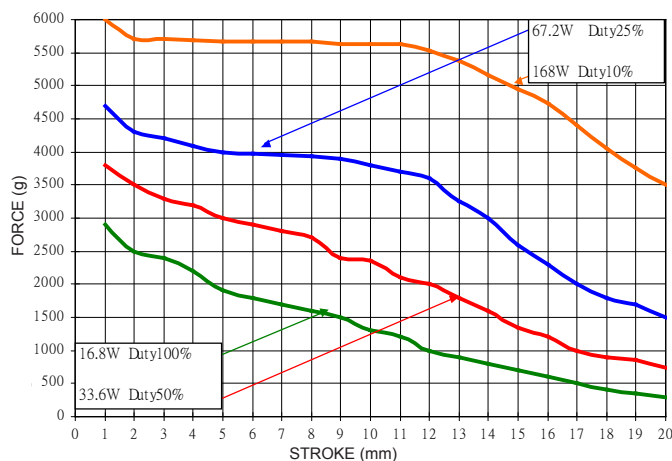
ADDITIONAL DATA

- 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: 295g

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 including spring.

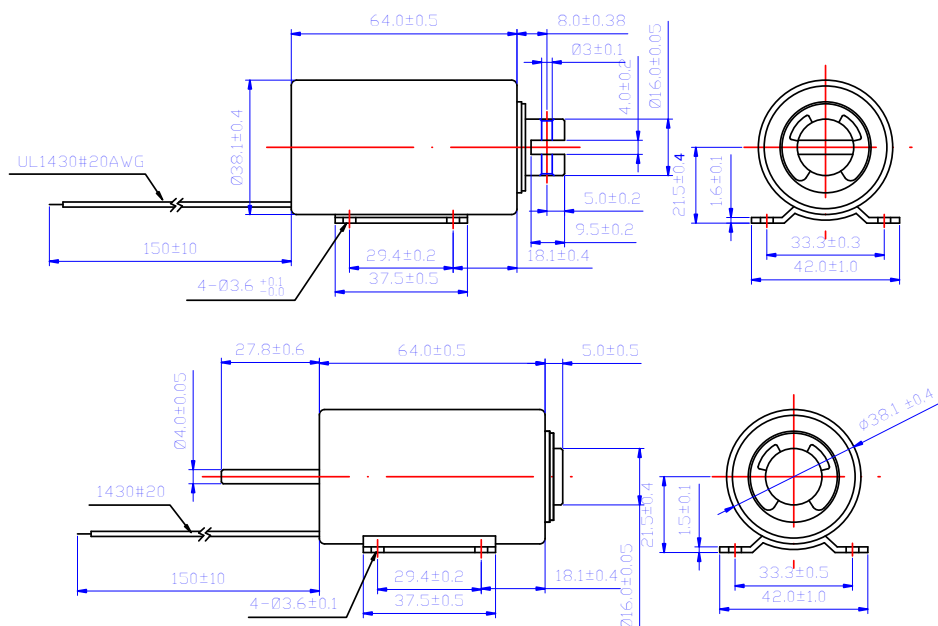
DIAGRAM



BASIC DATA

Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$			Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
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