

Thinner Self-Latching Type Solenoids

DL0916S2 Series

Features

- ◇ Only 4mm body thickness for space saving but high power.
- ◇ Self-latching is available at zero power consumption by installing permanent magnet.



Actual size

Applications

- ◇ CD-ROM, DVD-ROM

Products Line (at 20degree Celsius)

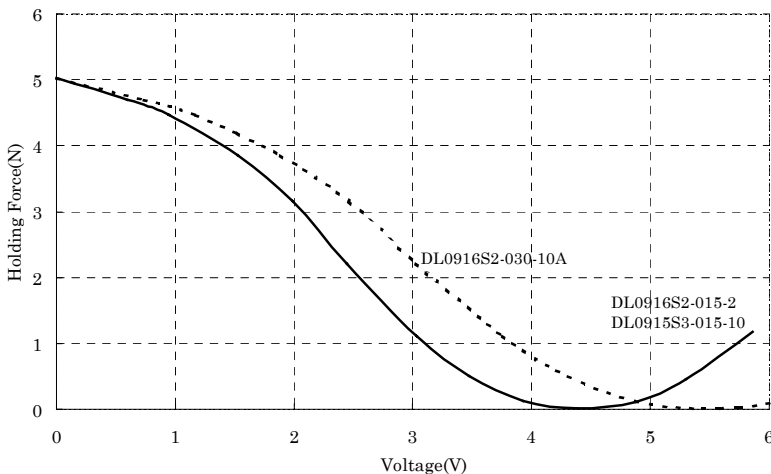
No	Products No.	Rated voltage	Coil resistance	Rated Performance	Holding Force (initial)	Coil Temperature Rise
1	DL0916S2-015-2	5V DC	15 ohm	ON Time 0.3sec max. OFF Time 5sec min.	3.9N min. <0V DC> < Stroke 0mm> 0.8N max. <4.5V DC> <Stroke 0mm>	60deg C max. <5V DC> <ON Time 0.3sec OFF Time 5sec>
2	DL0916S2-030-10A	5V DC	30 ohm	ON Time 0.1sec max. OFF Time 5sec min.	3.7Nmin. <0V DC> < Stroke 0mm> 1.2N max. <3.7V DC > <Stroke 0mm>	60deg C max. <5V DC> <ON Time 0.1sec OFF Time 5sec>
3	DL0915S3-015-10	5V DC	15 ohm	ON Time 0.1sec max. OFF Time 5sec min.	3.9Nmin. <0V DC> < Stroke 0mm> 1.0N max. <4.0V DC > <Stroke 0mm>	60deg C max. <5V DC> <ON Time 0.1sec OFF Time 5sec>

Typical Specifications

Item	Specifications
Insulation Resistance	50 megohm min. 250V DC
Withstanding Voltage	250V AC for 1 min.
Insulation Class	JIS E (except lead wire)
Operating Life	20,000 cycles
Operating Temperature	-20 to +50 degree Celsius
Storage Temperature	-30 to +85 degree Celsius

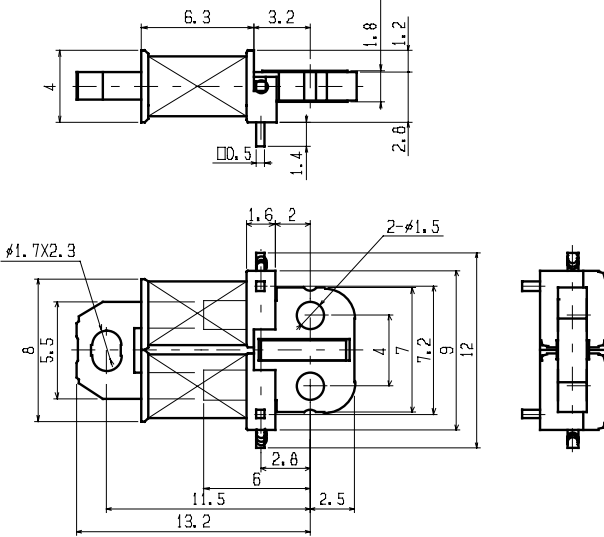
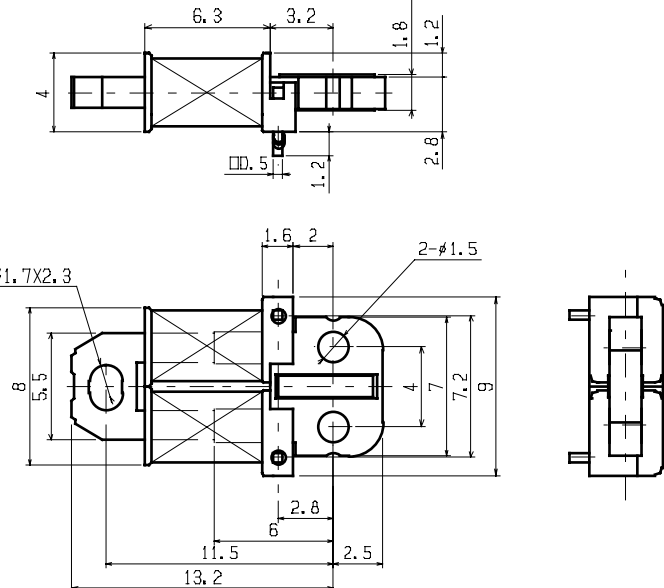
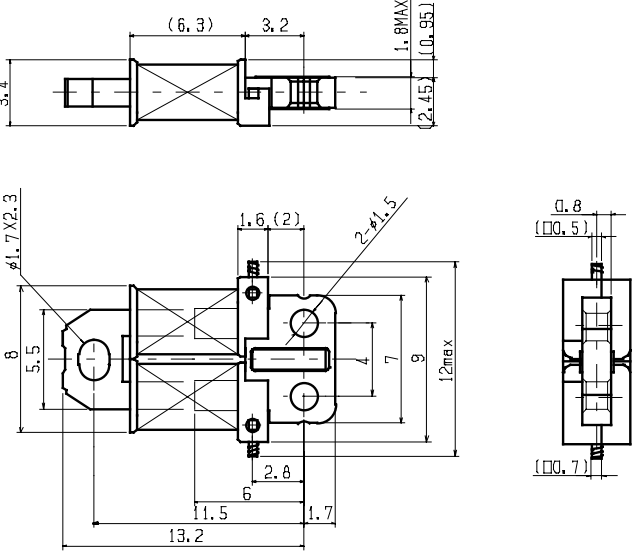
Holding Force (Typical value) <at 20 degree Celsius initial>

1N=102gf



Dimensions

Unit: mm

No	Style
1	<p>DL0916S2-015-2</p>  <p>The dimensions at stroke 0mm</p>
2	<p>DL0916S2-030-10A</p>  <p>The dimensions at stroke 0mm</p>
3	<p>DL0915S3-015-10</p>  <p>The dimensions at stroke 0mm</p>

□ Notes

1. The appearance and specifications of the products may be modified without prior notice to improve its performance.
2. This catalogue shows only outline specifications. When using the product, please obtain formal specifications.
3. Please see appendix [How to select solenoid].
4. Please confirm the performance on actual operation by simulation with actual environments for high reliability.
5. Please avoid the storage in dusty environment. If you store the products for a long time, do not keep open the package.
6. Please take care for the usage in high humid atmosphere and design-in to meet the operating condition of the device, for the coil resistance increases 0.4%/degree Celsius depending on the operating ambient temperature.
7. Please feel free to contact us for the models with other coil resistances.