

Popular 12x21x9.5mm Pull-in Type Solenoids DP1221D Series

Features

- ◁Wide option of products arrangement.
- ◁High output with long stroke of 4.0mm is available.

Applications

- ◁Coin changers
- ◁Car stereos
- ◁CD-ROM, DVD-ROM



Actual size

Products Line (at 20degree Celsius)

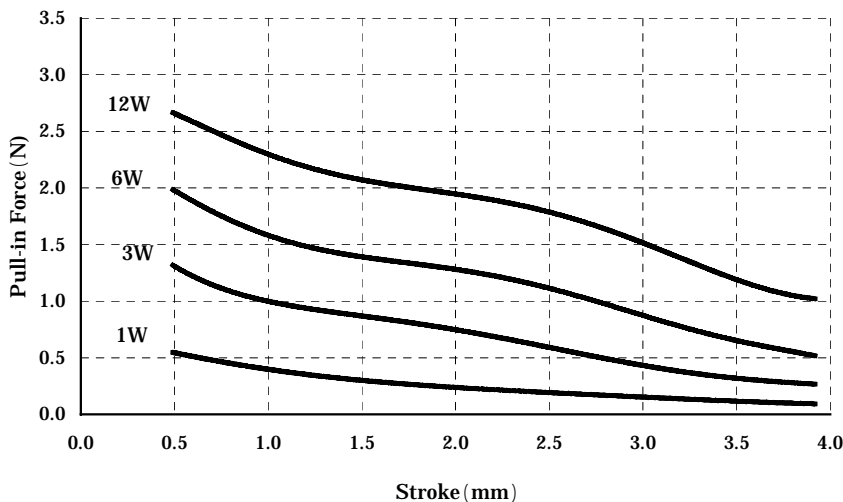
No	Products No.	Rated Voltage	Coil Resistance	Rated Operation	Pull-in Force (Initial)	Coil Temperature Rise
1	DP1221D-021-12A	12 V DC	21 ohm	ON Time 0.75sec max. OFF Time 60sec min.	1.0N min. <12V DC> < Stroke 1.6mm>	55deg C max. <15V DC> <ON Time 0.75sec OFF Time 60sec>
2	DP1221D-120-6B	13.2 V DC	120 ohm	Continuous	0.2Nmin. <10V DC> < Stroke 1.0mm>	50deg C max. <13.2V DC> <continuous>

Typical Specifications

Item	Specification
Insulation Resistance	50 megohm min. 250V DC
Withstanding Voltage	250V AC for 1 min.
Insulation Class	JIS E (except lead wire)
Operating Life	50,000 cycles
Operating Temperature range	-20 to +65 degree Celsius
Storage Temperature range	-30 to +85 degree Celsius

Pull-in Force (Typical value) <at 20 degree Celsius initial>

1N=102gf



Dimensions

Unit : mm

No	Style
1	<p>DP1221D-021-12A</p> <p>The dimensions at stroke 0mm</p>
2	<p>DP1221D-120-6B</p> <p>The dimensions at stroke 0mm</p>

Notes

1. The appearance and specifications of the product 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 devices, 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, head types of movable iron core.