

# 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

