



| CHARACTERISTICS       |             |
|-----------------------|-------------|
| OPERATING FORCE (OF): | 280gf Max.  |
| RELEASE FORCE (RF):   | 30gf Min.   |
| OPERATING POSITION:   | 8.2±0.7 mm. |
| PRE TRAVEL:           | 4mm Max.    |
| DIFFERENTIAL TRAVEL:  | 0.7mm Max.  |
| FREE POSITION:        | 15.9mm Max. |

| ELECTRICAL DATA        |                       |
|------------------------|-----------------------|
| <b>RATING</b>          | <b>OPERATING LIFE</b> |
| 3A 12VDC               | 100,000 CYCLES        |
| 0.1A 48VDC 125/250VAC  | 100,000 CYCLES        |
| <b>MECHANICAL LIFE</b> | <b>500,000 CYCLES</b> |
| <b>GAP TYPE</b>        | <b>MICRO</b>          |
| <b>OPERATING TEMP</b>  | <b>-20℃~+85℃</b>      |
| <b>WATERGROOF</b>      | <b>IP67</b>           |

**Circuit Diagram**

**TOLERANCE UNLESS OTHERWISE SPECIFIED**

| Symbol | 1~3  | 3~10 | 10~30 | 30~100 | 100~200 | ANGLE |
|--------|------|------|-------|--------|---------|-------|
| ±0.2   | ±0.3 | ±0.4 | ±0.6  | ±1.0   | ±1.5    | ±3.0° |

**SCALE**

**UNIT**

**VERSION REV**

**DIR**

**DIR**

**ZDX-HS-001-06**

深圳市兆达鑫科技有限公司  
Shenzhen Zhao Xin Technology Co., Ltd.

|                    |                   |             |                  |
|--------------------|-------------------|-------------|------------------|
| <b>DRAFTED BY</b>  | <b>BING WANG</b>  | <b>DATE</b> | <b>2020-6-15</b> |
| <b>CHECKED BY</b>  | <b>GUO FU LUO</b> | <b>DATE</b> | <b>2020-6-15</b> |
| <b>APPROVED BY</b> | <b>MATH</b>       | <b>DATE</b> | <b>2020-6-15</b> |