



# TRICORE CORPORATION

545 , SEC 3 , CHANG YUAN ROAD, HWA TANG COUNTRY,  
CHANG-HWA TAIWAN  
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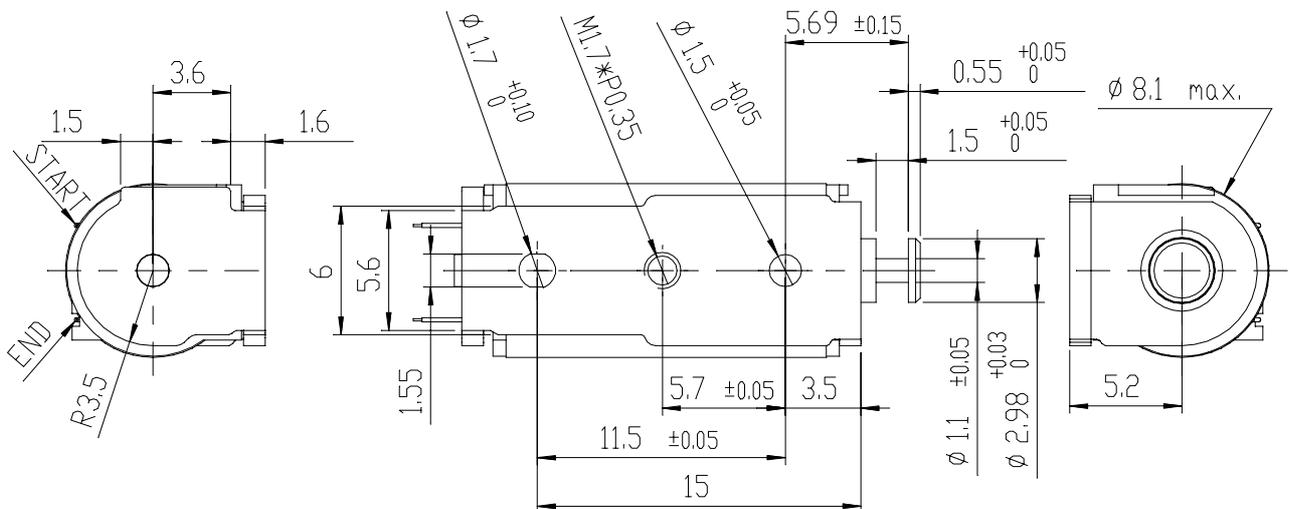
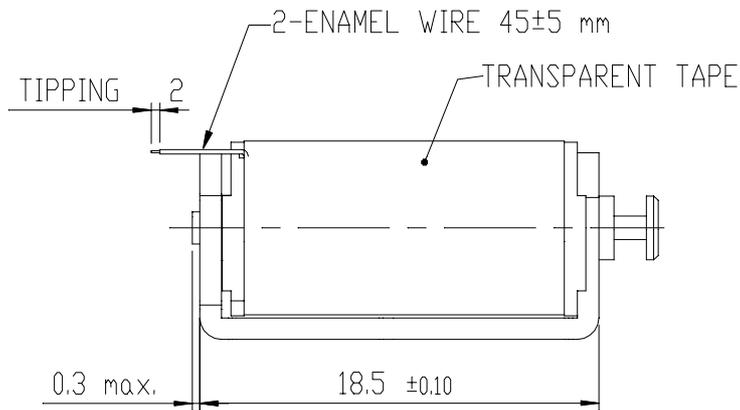
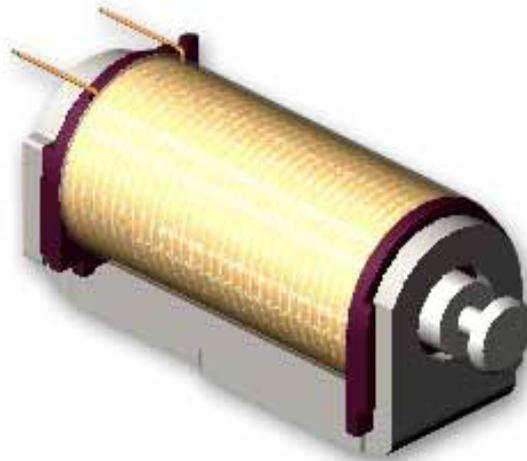
## SOLENOID

### MODEL

# MG1802

### APPLICATION

☆ Camera



Spec could be customized



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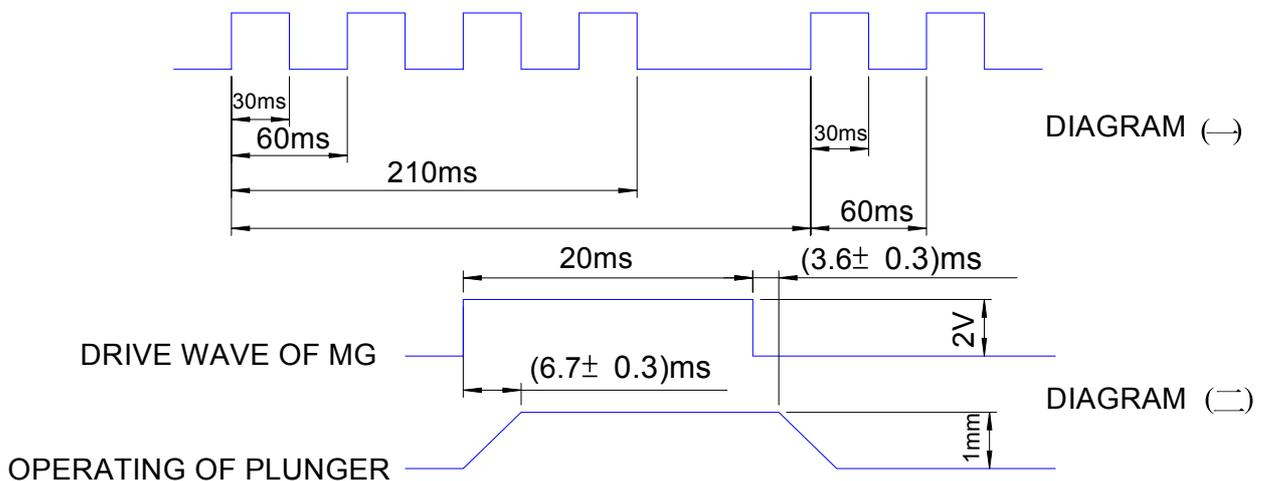
# MG1802

### APPLICATION

☆ Camera

## SPEC.

- 1.DC Resistance : 2.45 OHM  $\pm$  7% (At 20°C)
- 2.Attraction Force : 100 gf MIN. (At Input DC 2.0V)
- 3.Force Of Attraction : 45 gf MIN. (At 20°C Stroke 1.0mm Input DC 2.0V)
- 4.Working Rated Voltage : 3.0 DCV
- 5.Operating Voltage : 1.0 to 3.0 DCV
- 6.Residual Force : 5.0 gf MAX.
- 7.Dielectric Strength : 250V AC 1 Minute
- 8.Coil Insulation Grade : E Class
- 9.Operating Temperature : -15°C to +40°C
- 10.Storage Temperature : -25°C to +60°C
- 11.Operating Humidity : 45°C to 85% RH
- 12.Weight Of Driver Section : 5.50 grams
- 13.Weight Of Moving Plunger : 0.79 grams



- 14.Conditions Of Rate Employ : Refer to Diagram(一)
- 15.At Input DC 2.0V , Load 20g , The Stroke From 1.0mm to 0mm ,  
Operating Time Must At Below 6.7ms $\pm$ 0.3 : Refer to Diagram (二)
- 16.Length of Enamel Wire : Enamel Wire 2 PCS Of 45  $\pm$  5 mm
- 17.Compensation Factor Of T : +0.00393/C (20 Degree Standard)
- 18.Insulation Resistance : 100 M ohm MIN. At 500 DCV
- 19.Temperature Rise : Rated Continuous Below 60°C
- 20.Life Expectancy : 4,000 Times MIN. At Load 20 gf Stroke 1 mm

**Spec could be customized**