

# Data Sheet

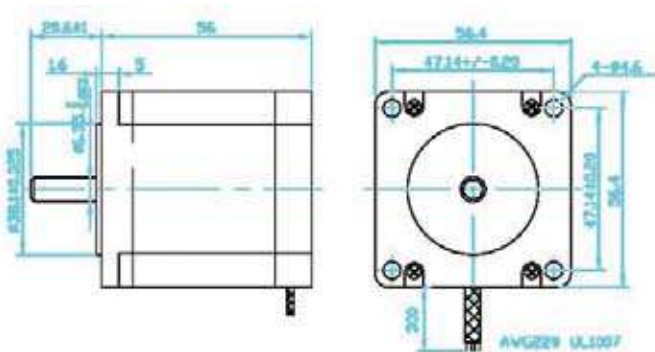
ENGLISH

## 57mm 1.8' HIGH TORQUE STEPPER

RS stock number 535-0439

200 STEP

Dimensions in mm



### Specifications

Model	535-0439
Step Angle	1.8°
Step Angle Accuracy (Full Step, No Load) (%)	±5%
Rated Voltage (V)	2.5
Current/ Phase (A)	2.8
Resistance/Phase (Ω)	0.9
Inductance/Phase (mH)	2.5
Detent Torque (mNm)	42
Holding Torque (Ncm)	126
Rotor Inertia (g-cm <sup>2</sup> )	300
Weight (Kg)	0.7
Number Of Leads (No.)	4

### Characteristics

<b>Resistance Accuracy</b> ±10%
<b>Inductance Accuracy</b> ±20%
<b>Temperature Rise</b> 80°C Max. (Rated Current 2 phase On)
<b>Ambient Temp</b> -20 °C to +50 °C
<b>Insulation Resistance</b> 100mm Ωmin.,500Vdc
<b>Dielectric Strength</b> 500Vac for 1 min
<b>Shaft Radial Play</b> 0.06mm Max. (450G-Load)
<b>Shaft Axial Play</b> 0.08mm Max. (450G-load)

### Speed V Torque Characteristics

