

Specifications

Specification	Unit	PFCU20-40_-4GM2 (1/10)		PFCU20-40_-4GM2 (1/18)	
Excitation Mode		Full-step (2-2)			
Step Angle	°	0.9		0.5	
Steps Per Revolution*		400		720	
Winding		S	V	S	V
Rated Voltage	V	11	8.7	11	8.7
Resistance ¹	Ω	160	100	160	100
Inductance ¹	mH/φ	59	39	59	39
Maximum Torque	mN-m	20			
Destruction Torque	mN-m	60			
Gear Ratio/Backlash	pps	1/10		1/18	
Operating Temp. Range	°C	-10 ~ +50			
Temperature Rise*	K	70			
Weight	g	25			

All tin-can motor specifications are based on full-step constant voltage operation.

Magnet type: Neodymium

¹ Supply voltage 12V ±2% and at a temperature of 20°C ±5% and relative humidity 65% ±20%.

² Stated terminal voltage is with supply voltage 12V.

³ Stated temperature rise is at the time of saturation.

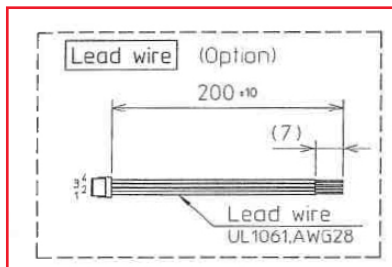
*Under test conditions

Connector (JST)

Applicable Housing: SHR-04V-S

Applicable Contact: SSH-003T-P0.2-H

Applicable Wire: AWG 32 to 28 (outer diameter of wire insulation: 0.4 to 0.8 mm)



Pin	Coil Phase
1	4φ B-
2	3φ A-
3	1φ A
4	2φ B