



## 57 series BLDC motor with built-in driver

### ● GENERAL SPECIFICATION ● WIRE DIAGRAM

Winding type: Star
Hall effect angle: 120 degree electrical angle
Shaft run out: 0.025mm
Insulation Class: Class B
Dielectric strength: 500VDC for one minute
Ambient temperature: 0—+50°C

Lead No.	Lead Color	Lead Gauge	Function
1	RED	20AWG UL1569	V+
2	BLK		GND
3	BLU	26AWG UL1569	+5V
4	GRE		SV
5	WHI		0V
6	YEL		F/R

### ELECTRICAL SPECIFICATION

Model		57DMWH54(6)-2435-DR	57DMWH69(6)-2435-DR
Voltage	V	24	
Number of poles		6	
Rated power	W	70	140
No load speed	rpm	4700	4700
Rated torque	Nm	0.2	0.37
Rated Speed	rpm	3500	3500
Rated Current	A	4	8
Peak Torque	Nm	0.6	1.1
Weight	Kg	0.55	0.75
Length	mm	74	89

### ● DIMENSIONS

