

28 SERIES BLDC Motor



GENERAL SPECIFICATION

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: -20—+40 °C

WIRE DIAGRAM

Lead No.	Lead Color	Lead Gauge	Function
1	RED	20AWG UL1569	Phase U
2	YEL		Phase V
3	BLA		Phase W
4	RED	26AWG UL1569	+5V
5	BLU		Hall A
5	GRE		Hall B
7	WHI		Hall C
8	BLA		GND

ELECTRICAL SPECIFICATION

Model	28DM49-2475	
Voltage	V	24
Number of poles		4
Rated power	W	12
No load speed	rpm	10000
Rated torque	Nm	0.015
Rated Speed	rpm	7500
Rated Current	A	1
Torque(max)	Nm	0.045
Weight	Kg	0.1
Length	mm	49

DIMENSIONS

