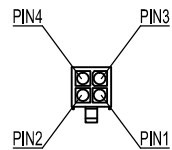
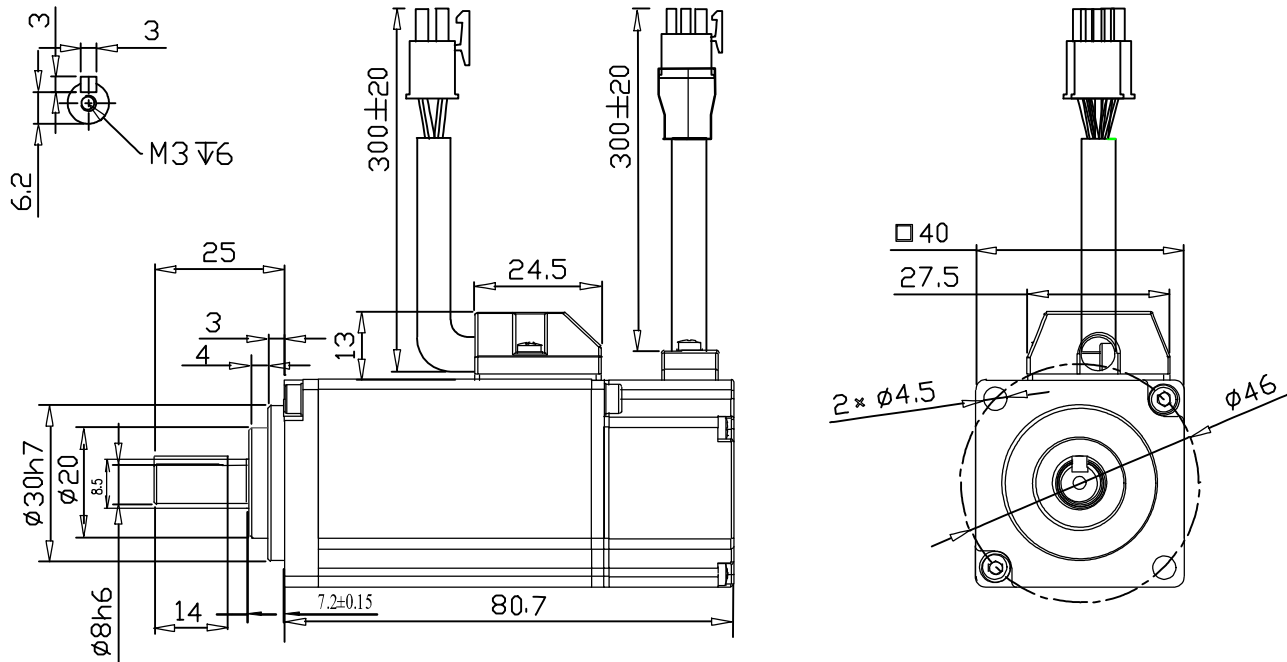
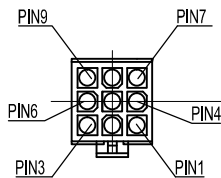


Rated Voltage (Vac)	200-220
Rated Power (w)	100
Rated Torque (N.m)	0.32
Peak Torque (N.m)	0.96
Rated Speed (rpm)	3000
Peak Speed (rpm)	6000
Rated Current (Amp)	1.1
Peak Current (Amp)	3.3
Torque Const (N.m/Amp)	0.306
Back EMF Const (V/krpm)	14.8
Resistance (Ω)	12.4
Inductance (mH)	12.25
Inertia (kg*m ² *10 ⁻⁴)	0.048
Poles	10
Encoder type	23bit absolute
Protection level	IP65



Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	U	W	V	PE
Color	blue	red	black	Yel/Gre



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	shield	5V	0V	SD+	SD-	BAT+	BAT-
Color	PE	red	black	blue	yellow	brown	white

Connector Code Of Extension Cable Side			
Type	Winding Connector	Encoder Connector	Brake Connector
Pin	170362-1	170361-1	--
Plastic shell	AMP172159-1	AMP172161-1	--

Connector Code Of Motor Side			
Type	Winding Connector	Encoder Connector	Brake Connector
Pin	170360-1	170359-1	--
Plastic shell	AMP172167-1	AMP172169-1	--

Leadshine Technology Co .Ltd

ELM0100LL40F-SS

40mm, low inertia, 100w servo motor
23bit absolute encoder, no brake

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