



☰ ESS57-P

[Products](#) > [Close-Loop](#) > [Integrated Stepper motor](#) > [ESS Series](#)

📄 ESS57-R

🔄 ESS57-C

⚙️ Package
Product

📄 Download



ESS57 series

Drive and motor integrated design, simplify system structure and improve system integration

Support multiple control modes including pulse/direction and bus control

Smooth and high-speed operation, precise positioning, no step lost and fast response

Low noise, adjust current in real time and reduce heat

Typical Application:

Printing, AOI, panel bonding, transfer equipment, etc. in PCB related equipment; camera related as camera and fingerprint; solid crystal machine, wire bonding machine, dispensing machine, package tape machine in packaging

☰ ESS57-P

Product Details

ESS57-P

ESS57-R

ESS57-C

Package Product

Download

ESS57-P Series Integrated Motor

Technical Data				Installation Dimension Drawing
Name	Unit	ESS57-P1x	ESS57-P2x	
Rated Voltage	V(DC)	24~50	24~50	
Output Current	A	4.0	4.0	
Holding Torque	N.m	1.2	2.2	
Motor Length	mm	56	80	
Weight	kg	0.85	1.2	
Insulation Grade	-	B	B	
Operating Temperature	°C	0~55	0~55	

Terminal Description			Interface Schematic
Pin	Function	Note	
PWR	Power indicator	Power on indicator	
ALM	Alarm indicator	Alarm flashing indicator	
PU+	Pulse input positive terminal	Signal power supply 5V; Need to connect current limiting resistor for voltage that is higher than 5V.	
PU-	Pulse input negative terminal		
DR+	Direction input positive terminal		
DR-	Direction input negative terminal		
MF+	Enable input positive terminal		
MF-	Enable input negative terminal		
ALM+	Alarm output positive terminal	Overcurrent, overvoltage and position deviation out of tolerance alarm output; maximum drive current is 50mA	
ALM-	Alarm output negative terminal		
+DC	Power input positive terminal	DC24~50V	
GND	Power input negative terminal		

ESS57-R

Product Details

 **ESS57-P**

News & Events

YAKO News
Exhibition
Industry News

 **ESS57-R**

 **ESS57-C**

 **Package Product**

 **Download**

Products

Stepper
Model Selection List
Close-Loop
Servo-Stepper
AC Servo
Motion Control

Support

Download
Sales Network

Recruitment

HR Concept

Hot Line

Tel: 008675526037414
Hot Line: +86-400-033-0069
Head Office: B3 Building, Guangming Technology & Science Park, New Guangming District, Shenzhen, China.
R&D Center: Languang Technology & Science Park, Nanshan District, Shenzhen, China.