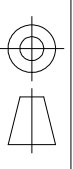


ENCODE CONTROL	1	2	3	4	5	6
LEAD COLOR	BLK	RED	BLU/ WHT	BLU	ORG/ WHT	ORG
DESCRIPTION	GND	VCC	EA-	EA+	EB-	EB+

FULL STEP 2 PHASE-EX. WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	CCW
1	+	+	-	-	
2	-	+	+	-	
3	-	-	-	+	
4	+	-	-	+	

UNIT mm
GB/T 1804-M EQV. ISO 2768-1 CLASS M:
≤6 ±0.1
>6~30 ±0.2
>30~120 ±0.3
>120~400 ±0.5



WINDING		CONNECTION	
		BIPOLAR	
PIN NO	BIPOLAR	LEADS	
1	A+	BLK	
2	A-	GRN	
3	B+	RED	
4	B-	BLU	
SPECIFICATION		BIPOLAR	
AMPS/PHASE		6.00	
RESISTANCE/PHASE(Ohms)@25°C		0.54±10%	
INDUCTANCE/PHASE(mH)@1KHz		5.00±20%	
HOLDING TORQUE(Nm)[lb-in]		8.50 [7.29]	
STEP ANGLE(°)		1.80	
STEP ACCURACY(NON-ACCUM)		±5.00%	
ROTOR INERTIA(g-cm²)		3600	
IP RATING		IP 65	
AMBIENT TEMPERATURE		0°C~50°C [32°F~122°F]	
INSULATION CLASS		B 130°C [266°F]	
TEMPERATURE RISE		MAX.80°C	

OSMTEC®

Stepper Motor Specialists

mm	
UNITS	
1:1	
SCALE	
DRN	LDJ
APVD	ZPJ
SIGNATURE	DATE

1.13.2026
1.19.2026

STEPPER MOTOR

34E1KIP65-85