

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	CW
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



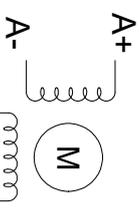
mm

UNITS

2:3

SCALE

WINDING



WINDING		CONNECTION	
PIN NO	BIPOLAR	LEADS	BIPOLAR
1	A+	BLK	5.00
2	A-	GRN	RESISTANCE/PHASE(Ohms)@25°C 0.40±10%
3	B+	RED	INDUCTANCE/PHASE(mH)@1KHz 1.80±20%
4	B-	BLU	HOLDING TORQUE(Nm)[lb-in] 2.00 [17.71]
STEP ANGLE(°)			1.80
STEP ACCURACY(NON-ACCUM)			±5.00%
ROTOR INERTIA(g-cm²)			480
IP RATING			IP65
AMBIENT TEMPERATURE			-10°C~50°C [14°F~122°F]
INSULATION CLASS			B 130°C [266°F]
TEMPERATURE RISE			MAX.80°C

STEPPER MOTOR

23E1KIP65-20

OSMTEC
Stepper Motor Specialists