

ENCODER CONNECTION:1000PPR(4000CPR)

PIN NO	1	2	3	4	5	6	7	8
LEAD COLOR	BLK	RED	BRN	BLU	ORG	GRN	YEL	WHT
DESCRIPTION	GND	VCC	EA+	EB+	EA-	EB-	EZ+	EZ-

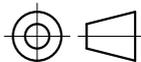
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	CW	CCW
1	+	+	-	-	↓ ↑ CW	↑ ↓ CCW
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
			SPECIFICATION	
			AMPS/PHASE	5.00
			RESISTANCE/PHASE(Ohms)@25°C	0.6±10%
			INDUCTANCE/PHASE(mH)@1KHz	2.60±20%
			HOLDING TORQUE(Nm)[lb-in]	4.00[35.40]
			STEP ANGLE(°)	1.80
			STEP ACCURACY(NON-ACCUM)	±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm²)	1080
1	A+	GRN	WEIGHT(Kg)[lb]	—
2	A-	BLK	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	RED	INSULATION CLASS	B 130°C[266°F]
4	B-	BLU	TEMPERATURE RISE	MAX.80°C

OSMTEC®
Stepper Motor Specialists



mm

UNITS

2:3

SCALE

DRN

APVD

SIGNATURE

ZPJ

YSX

1.16.2026

1.16.2026

DATE

STEPPER MOTOR

24HS40-5004-ME1K