

ENCODER CONNECTION:1000PPR(4000CPR)

LEAD COLOR	RED	BLK	BRN	ORG	BLU	GRN	YEL	WHT
DESCRIPTION	VCC	EGND	EA+	EA-	EB+	EB-	EZ+	EZ-

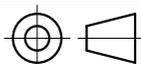
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-		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

WINDING			CONNECTION	BIPOLAR
			SPECIFICATION	
			AMPS/PHASE	4.20
			RESISTANCE/PHASE(Ohms)@25°C	0.88±10%
			INDUCTANCE/PHASE(mH)@1KHz	3.40±20%
			HOLDING TORQUE(Nm)[lb-in]	3.00[26.55]
			STEP ANGLE(°)	1.80
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm <sup>2</sup> )	800.00
1	A+	GRN	WEIGHT(Kg)[lb]	—
2	A-	RED	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	YEL	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

-

DATE

1.15.2026

12.25.2025

DATE

**STEPPER MOTOR**

**23HS45-4204-ME1K**