

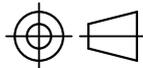
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	CW ↓	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		
			SPECIFICATION				
			AMPS/PHASE		1.20		
			RESISTANCE/PHASE(Ohms)@25°C		2.50±10%		
			INDUCTANCE/PHASE(mH)@1KHz		3.30±20%		
			HOLDING TORQUE(Nm)[lb-in]		0.26[2.30]		
			STEP ANGLE(°)		1.80		
PIN NO			BIPOLAR		LEADS	ROTOR INERTIA(g·cm ²)	
1	A+	BLK			WEIGHT(Kg)[lb]		
2	B+	GRN			AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]	
3	A-	BLU			INSULATION CLASS	B 130°C[266°F]	
4	B-	RED			TEMPERATURE RISE	MAX.80°C	

OSMTEC®
Stepper Motor Specialists



mm

UNITS

1:1

SCALE

DRN

APVD

SIGNATURE

YSX

LJ

DATE

1.13.2026

1.13.2026

STEPPER MOTOR

17HE12-1204S