

ENCODER CONNECTION: 1000PPR(4000CPR)

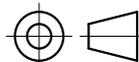
LEAD COLOR	RED	BLK	BRN	ORG	BLU	GRN	YEL	WHT
DESCRIPTION	VCC	EGND	EA+	EA-	EB+	EB-	EZ+	EZ-

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

STEP	A+	B+	A-	B-	↓ CCW	↑ CW	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
1	+	+	-	-			
2	-	+	+	-			
3	-	-	+	+			
4	+	-	-	+			

WINDING			CONNECTION	BIPOLAR
			SPECIFICATION	
			AMPS/PHASE	2.00
			RESISTANCE/PHASE(Ohms)@25°C	1.40±10%
			INDUCTANCE/PHASE(mH)@1KHz	3.00±20%
			HOLDING TORQUE(Nm)[lb-in]	0.56[4.96]
			STEP ANGLE(°)	1.80
			STEP ACCURACY(NON-ACCUM)	±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm <sup>2</sup> )	75.00
1	A+	RED	WEIGHT(Kg)[lb]	—
2	A-	BLK	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

1:1

SCALE

DRN

APVD

ZPJ

YSX

1.15.2026

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SIGNATURE

DATE

**STEPPER MOTOR**

**17HS19-2004-ME1K**