



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

STEP	A+	B+	A-	B-		CCW
1	+	+	-	-		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
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

WINDING			CONNECTION	
			SPECIFICATION	BIPOLAR
			AMPS/PHASE	2.00
			RESISTANCE/PHASE(Ohms)@25°C	1.40±10%
			INDUCTANCE/PHASE(mH)@1KHz	2.41±20%
			HOLDING TORQUE(Nm)[lb-in]	0.33[2.92]
			STEP ANGLE(°)	1.80
			STEP ACCURACY(NON-ACCUM)	±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm <sup>2</sup> )	22.00
1	A+	RED	WEIGHT(Kg)[lb]	—
2	A-	RED/WHT	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	GRN/WHT	INSULATION CLASS	B 130°C[266°F]
4	B-	GRN	TEMPERATURE RISE	MAX.80°C

**OSMTEC**<sup>®</sup>  
Stepper Motor Specialists

mm			
UNITS	DRN	LDJ	1.13.2026
SCALE	3:2	APVD	ZPJ 1.19.2026
SIGNATURE		DATE	

**STEPPER MOTOR**  
**14HS19-2004H**