



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

STEP	A+	B+	A-	B-		CCW
1	+	+	-	-	 CW	↑
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	
			SPECIFICATION	BIPOLAR
			AMPS/PHASE	2.50
			RESISTANCE/PHASE(Ohms)@25°C	1.25±10%
			INDUCTANCE/PHASE(mH)@1KHz	1.70±20%
			HOLDING TORQUE(Nm)[lb-in]	0.55[4.87]
			STEP ANGLE(°)	1.80
			STEP ACCURACY(NON-ACCUM)	±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)	82.00
1	A+	GRY	WEIGHT(Kg)[lb]	—
2	A-	BRN	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	ORG	INSULATION CLASS	H 180°C[356°F]
4	B-	YEL	TEMPERATURE RISE	MAX.125°C

OSMTEC[®]
 Stepper Motor Specialists

mm			
UNITS	DRN	LDJ	1.13.2026
SCALE	1:1	APVD	ZPJ 1.19.2026
	SIGNATURE		DATE

STEPPER MOTOR
 17HS19-2504S-H-V5