

ENCODER RESOLUTION:1000PPR(4000CPR)

LEAD COLOR	RED	BLK	WHT	BLU	GRN	BRN	YEL	PUE	BLK
DESCRIPTION	VCC	GND	EA+	EA-	EB+	EB-	EZ+	EZ-	SHIELD

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

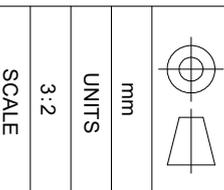
STEP	A+	B+	A-	B-	CCW	CW
1	+	+	-	-	↶	↷
2	-	+	+	-	↷	↶
3	-	-	+	+	↶	↷
4	+	-	-	+	↷	↶

UNIT mm
 GB/T 1804-MEQV.ISO
 2768-1 CLASS M:
 ≤6 ±0.1
 >6~30 ±0.2
 >30~120 ±0.3
 >120~400 ±0.5

WINDING		CONNECTION		SPECIFICATION	
		BIPOLAR		BIPOLAR	
PIN NO	BIPOLAR	LEADS	AMPS/PHASE	RESISTANCE/PHASE(Ohms)@25°C	1.00
1	A+	RED	INDUCTANCE/PHASE(mH)@1KHz	HOLDING TORQUE(Nm)[lb-in]	2.10±10%
2	A-	RED/WHT	STEP ANGLE(°)	STEP ACCURACY(NON-ACCUM)	1.50±20%
3	B+	GRN	LEAD(mm)	LINEAR TRAVEL/STEP(mm)	0.06[0.53]
4	B-	GRN/WHT	AMBIENT TEMPERATURE	INSULATION CLASS	1.80
			TEMPERATURE RISE	TEMPERATURE RISE	±5.00%
					1.27
					0.00635
					-10°C~50°C[14°F~122°F]
					B 130°C[266°F]
					MAX.80°C

OSMTEC

Stepper Motor Specialists



mm	UNITS	SCALE
3:2	APVD	LDJ
3:2	ZPJ	1.15.2026
	DATE	1.20.2026

LINEAR STEPPER MOTOR

11E13S1004FD4-150RS-OE1K