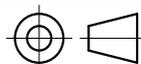


ENCODER RESOLUTION:1000PPR(4000CPR)								
LEAD COLOR	WHT	RED	BLK	ORG	GRY	YEL	GRN	BLU
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-	EZ+	EZ-

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)								
STEP	A+	B+	A-	B-		CCW	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	+	-	-	+	CW			

WINDING			CONNECTION	BIPOLAR
			SPECIFICATION	
			AMPS/PHASE	1.00
			RESISTANCE/PHASE(Ohms)@25°C	3.50±10%
			INDUCTANCE/PHASE(mH)@1KHz	3.20±20%
			HOLDING TORQUE(Nm)[lb-in]	0.14[1.24]
			STEP ANGLE(°)	1.80
PIN NO	BIPOLAR	LEADS	STEP ACCURACY(NON-ACCUM)	±5.00%
1	A+	BLK	ROTOR INERTIA(g-cm²)	18.00
2	A-	GRN	WEIGHT(Kg)[lb]	—
3	B+	RED	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
4	B-	BLU	INSULATION CLASS	B 130°C[266°F]
			TEMPERATURE RISE	MAX.80°C

OSMTEC®
Stepper Motor Specialists



mm

UNITS

3:2

SCALE

DRN

APVD

SIGNATURE

ZPJ

YSX

1.15.2026

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DATE

STEPPER MOTOR

11HS20-1004D-E1000