



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.67
RESISTANCE/PHASE(Ohms)@25°C		9.20±10%
INDUCTANCE/PHASE(mH)@1KHZ		7.00±20%
HOLDING TORQUE(Nm)[lb-in]		0.14[1.24]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm ²)		18.00
WEIGHT(kg)[lb]		—
TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL:FOR 2PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10°C-50°C[14°F-122°F]		
INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS B 130°C[266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)		

TYPE OF CONNECTION (EXTERN)	MOTOR		
	BIPOLAR	LEADS	WINDING
1	A+ —	BLK	A+ —
2	A- —	GRN	A- —
3	B+ —	RED	B+ —
4	B- —	BLU	B- —

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

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

CCW ↑
CW ↓

ENCODER CONNECTION:1000PPR(4000CPR)

LEAD COLOR	RED	BLK	BRN	ORG	BLU	GRN	YEL	PUR
DESCRIPTION	+5V	EGND	EA+	EA-	EB+	EB-	EZ+	EZ-

APVD	8.25.2023	<h1>STEPPER MOTOR</h1> <p>11HS20-0674-ME1K</p>
CHKD		
DRN		
SIGNATURE	DATE	

STEPPERONLINE®

SCALE 1.5:1