



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.80
RESISTANCE/PHASE(Ohms)@20°C		8.50±10%
INDUCTANCE/PHASE(mH)@1KHz		5.60±20%
HOLDING TORQUE(Nm)[lb-in]		0.054 [0.48]
STEP ANGLE(°)		1.8
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		—
WEIGHT(Kg)[lb]		—
TEMPERATURE RISE:MAX.80°C ( MOTOR STANDSTILL;FOR 2PHASE ENERGIZED )		
OPERATION AMBIENT TEMPERATURE 0°C~50°C[ 32°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)		

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	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\		CCW
1	+	+	-	-	↓	↑
2	-	+	+	-		
3	-	-	+	+	↓	↑
4	+	-	-	+		

ENCODER RESOLUTION:1000PPR

ENCODER CONNECTIONS	1	2	3	4	5	6	7	8	9
LEAD COLOR	BLK	RED	WHT	ORG	GRY	YEL	GRN	BLU	SHIELD
DESCRIPTION	EA+	VCC	GND	NC	NC	EB+	EB-	EA-	NC



APVD		9.19.2019
CHKD		
1:1	DRN	
SCALE	SIGNATURE	DATE

STEPPER MOTOR

8HS22-0804D-E1000