



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.6
RESISTANCE/PHASE(Ohms)@20°C		8.3±10%
INDUCTANCE/PHASE(mH)@1KHz		2.2±20%
HOLDING TORQUE(Nm)[lb-in]		0.02[0.18]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm²)		4.5
WEIGHT(Kg)[lb]		0.08[0.18]

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	
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	+	+	-	-	↓ CW	↑ CCW
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

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



APVD		4.11.2023
CHKD		
2:1	DRN	
SCALE	SIGNATURE	DATE

STEPPER MOTOR
8HS15-0604D-E1000