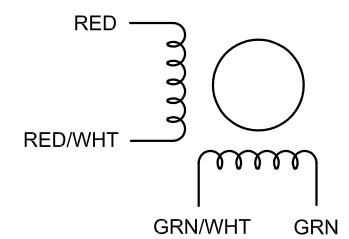


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.49
RESISTANCE/PHASE(Ohms)@25°C		6.90±10%
INDUCTANCE/PHASE(mH)@1KHz		2.60±20%
HOLDING TORQUE(Nm)[lb-in]		0.015[0.13]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		2.50
WEIGHT(Kg)[lb]		0.05[0.11]
TEMPERATURE RISE:MAX.80°C (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 —	RED	A
2	A\ —	RED/WHT	A\
3	B —	GRN/WHT	B
4	B\ —	GRN	B\

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

STEP	A	B	A\	B\		CCW
1	+	+	-	-	↓	↑
2	-	+	+	-		
3	-	-	+	+	↑	↓
4	+	-	-	+		



**STEPPERONLINE**<sup>®</sup>

APVD		10.24.2019
CHKD		
2:1	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**

**8HS12-0494H**