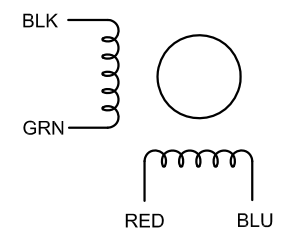


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		2.00
RESISTANCE/PHASE(Ohms)@25°C		1.45±10%
INDUCTANCE/PHASE(mH)@1KHz		4.00±20%
HOLDING TORQUE(Nm)[lb-in]		0.46[4.07]
STEP ANGLE(°)		0.90
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		68.00
WEIGHT(Kg)[lb]		0.37[0.82]
TEMPERATURE RISE:MAX.80°C ( 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	+	+	-	-	↓	↑
2	-	+	+	-		
3	-	-	+	+	↑	↓
4	+	-	-	+		



APVD		10.31.2020
CHKD		
1:1	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**

**17HM19-2004S1**