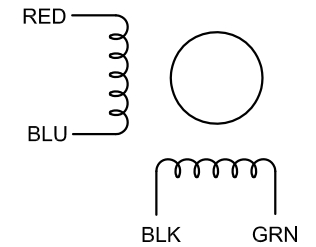


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.50
RESISTANCE/PHASE(Ohms)@25°C		1.60±10%
INDUCTANCE/PHASE(mH)@1KHz		3.20±20%
HOLDING TORQUE(Nm)[lb-in]		0.42[3.72]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		57.00
LINEAR TRAVEL/STEP(mm)		0.01
MINIMAL THRUST(N)@400 PPS		117.60
WEIGHT(Kg)[lb]		0.39[0.86]
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 — A  —
2	A  —	BLU	
4	B —	BLK	B — B  —
3	B  —	GRN	

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

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



# MybotOnline

APVD		5.10.2019
CHKD		
1:1	DRN	
SCALE	SIGNATURE	DATE

## STEPPER MOTOR

17LS16-1504E-310J