

SPECIFICATION	BIPOLAR	
AMPS/PHASE	3,50	
RESISTANCE/PHASE(Ohms)@25°C	1.10±10%	
INDUCTANCE/PHASE(mH)@1KHz	4.00±20%	
HOLDING TORQUE(Nm)[lb-in]	3.00[26.55]	
STEP ANGLE(°)	1.80	
STEP ACCURACY(NON-ACCUM)	±5.00%	
ROTOR INERTIA(g-cm²)		
WEIGHT(Kg)[lb]		

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]

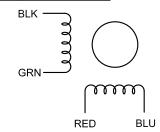
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

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	в+ —	RED	B+
4	В- —	BLU	В

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

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STEP	A+	B+	A-	B-		ccw
1	+	+	ı	-	1	
2	-	+	+	-	↓	
3	-	-	+	+		
4	+	-	_	+	CW	



		®
PPER	PONL	

	APVD		10.30.2020
	CHKD		
1:1.5	DRN		
SCALE	SIGNATURE		DATE

STEPPER MOTOR

23HS45-3504S