



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		5.5
RESISTANCE/PHASE(Ohms)@25°C		0.5±10%
INDUCTANCE/PHASE(mH)@1KHz		4.5±20%
HOLDING TORQUE(Nm)[lb-in]		4.5[39.83]
LEAD(mm)		6.35
LINEAR TRAVEL/STEP(mm)		0.03175
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
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 —	RED	A
2	A\ —	RED/WHT	A\
3	B —	GRN	B
4	B\ —	GRN/WHT	B\

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

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



APVD		8.26.2022
CHKD		
1:2	DRN	
SCALE	SIGNATURE	DATE

# STEPPER MOTOR

34E30S5504RK5-200RS