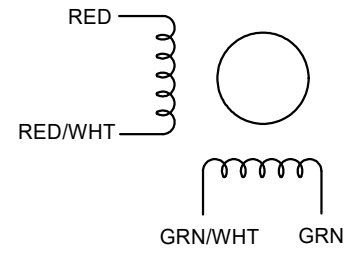


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		3.12
RESISTANCE/PHASE(Ohms)@25°C		1.60±10%
INDUCTANCE/PHASE(mH)@1KHz		8.80±20%
MINIMAL THRUST(N)@300 PPS		800.00
LEAD(mm)		6.35
LINEAR TRAVEL/STEP(mm)		0.03175
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD TYPE		AWG 20
TEMPERATURE RISE:MAX.80°C (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	+	-	-	+		



	APVD	LDJ	12.18.2023
	CHKD		
1:2	DRN	ZPJ	12.18.2023
SCALE	SIGNATURE	DATE	

STEPPER MOTOR

34E31S3124RK3-250RS