



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.91
RESISTANCE/PHASE(Ohms)@25°C		5.50±10%
INDUCTANCE/PHASE(mh)@1KHz		7.63±20%
MINIMAL THRUST(N)@300 PPS		98.00
LEAD(mm)		4.8768
LINEAR TRAVEL/STEP(mm)		0.024384
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD TYPE		AWG 26
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				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	+	-	-	+	

RED WHT

RED

GRN WHT

GRN

STEPPERONLINE®

APVD	-	12.18.2023
CHKD		
DRN	LDJ	12.18.2023
SIGNATURE		DATE

STEPPER MOTOR

14N17S0914QE3-250RS