



END COVER COLOR: BLACK

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.00
RESISTANCE/PHASE(Ohms)@25°C		3.90±10%
INDUCTANCE/PHASE(mH)@1KHz		2.50±20%
HOLDING TORQUE(Nm)[lb-in]		0.08[0.71]
STEP ANGLE(°)		0.90
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		10
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 )		

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A+ —	RED	
2	A- —	GRN	
3	B+ —	BLK	
4	B- —	BLU	

PULLEY SPECIFICATIONS		
MODULE	m	0.5
NUMBER OF TEETH	Z	10
PITCH DIAMETER	d	Ø5
OUTSIDE DIAMETER	da	Ø6
PRESSURE ANGLE	α	20°
MATERIAL		SUS304

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

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



APVD		9.9.2022
CHKD		
1.5:1	DRN	
SCALE	SIGNATURE	DATE

STEPPER MOTOR

14RE07-1004VRN