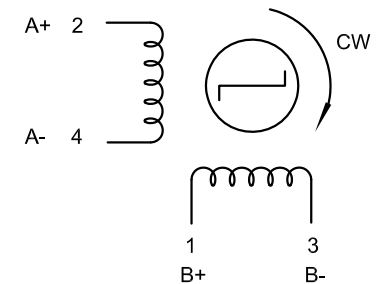


FULL STEP 2 PHASE-Ex. ,
WHEN FACING MOUNTING END (X)

PIN No.	WIRE COLOR	STEP			
		1	2	3	4
1		-	-	+	+
2		-	+	+	-
3		+	-	-	+
4		+	+	-	-
5					
6					

SPECIFICATION	VALUE
NO. OF PHASE	2
AMPS/PHASE	0.275
RESISTANCE/PHASE(Ohms)@20°C	16±7%
INDUCTANCE/PHASE(mH)@1KHz	9.46±20%
HOLDING TORQUE(mN.m)[lb-in]	12.25[0.109]
STEP ANGLE(°)	15±7%
PULL-IN RATE(PPS)	870
PULL-IN TORQUE(m.Nm)@100PPS	3.92
DETENT TORQUE(m.Nm)	3.92
ROTOR INERTIA(g-cm ²)	1.0
WEIGHT(g)[lb]	36[0.08]
LIFE(h)@20°C 100PPS	3000
INSULATION RESISTANCE(MΩ) @DC 500V	100
TEMPERATURE RISE:MAX.75°C	
AMBIENT TEMPERATURE -10°C~40°C[14°F~104°F]	
INSULATION CLASS E 120°C[248°F]	
DIELECTRIC STRENGTH 650±50 VAC FOR 2 Sec.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	

GEAR SPECIFICATION	
Number of Teeth	13
Module	0.4
Pressure Angle	20°
Pitch Diameter	Ø5.2
Outside Diameter	Ø6 ⁰ _{-0.05}
Accuracy	8
Common Normal Line Length	1.844 ⁰ _{-0.05}



	APVD	5.17.2021
	CHKD	
	2:1 SCALE	DRN
	SIGNATURE	DATE

PM STEPPER MOTOR

25PM24L01