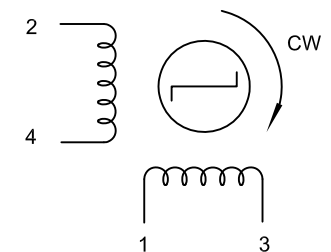


SPECIFICATION	VALUE
NO. OF PHASE	2
AMPS/PHASE	0.275
RESISTANCE/PHASE(Ohms)@20°C	16±7%
INDUCTANCE/PHASE(mH)@1KHz	9.46±20%
HOLDING TORQUE(mN.m)[lb-in]	12.25[0.109]
STEP ANGLE(°)	15±7%
PULL-IN RATE(PPS)	870
PULL-IN TORQUE(m.Nm)@100PPS	3.92
DETENT TORQUE(m.Nm)	3.92
ROTOR INERTIA(g-cm <sup>2</sup> )	1.0
WEIGHT(g)[lb]	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)	

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

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

GEAR SPECIFICATION	
Number of Teeth	13
Module	0.4
Pressure Angle	20°
Pitch Diameter	Ø5.2
Outside Diameter	Ø6_{-0.05}^0
Accuracy	8
Common Normal Line Length	1.844_{-0.05}^0



	APVD		5.17.2019
	CHKD		
2:1	DRN		
SCALE	SIGNATURE		DATE

PM STEPPER MOTOR

25PM24L01