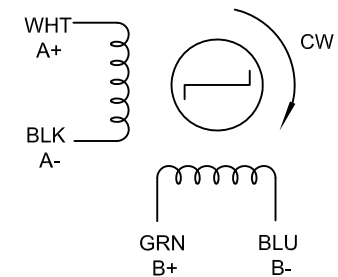


SPECIFICATION	VALUE
No. of Phase	2
AMPS/PHASE	0.143
RESISTANCE/PHASE(Ohms)@20°C	84±10%
INDUCTANCE/PHASE(mH)@1KHz	48±20%
HOLDING TORQUE(mN.m)[lb-in]	14.7[0.130]
STEP ANGLE(°)	7.5±7%
PULL-IN RATE(PPS)	700
PULL-IN TORQUE(mN.m)@100PPS	4.9
DETENT TORQUE(mN.m)	2.94
ROTOR INERTIA(g-cm <sup>2</sup> )	1.0
WEIGHT(g)[lb]	42[0.09]
LIFE(h)@20°C 200PPS	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)	

PIN No.	WIRE COLOR	STEP			
		1	2	3	4
1	WHT	-	+	+	-
2	BLK	+	-	-	+
3	GRN	-	-	+	+
4	BLU	+	+	-	-
5					
6					



	APVD	5.18.2019
	CHKD	
2:1	DRN	
SCALE	SIGNATURE	DATE

## PM STEPPER MOTOR

25LN48M01-144