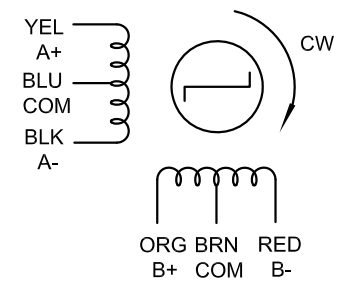


SPECIFICATION	VALUE
No. of PHASE	4
RATED VOLTAGE(VDC)	12
RESISTANCE/PHASE(Ohms)@20°C	70±7%
INDUCTANCE/PHASE(mH)@1KHz	54±7%
HOLDING TORQUE(N.m)[lb-in]	0.98[8.68]
STEP ANGLE W/O GEARBOX(°)	7.5
PULL-IN TORQUE (Nm)	0.294
MAX.PULL-IN RATE(PPS)W/O GEARBOX@12V 25°C	260
GEAR RATIO	50
WEIGHT(g)[lb]	200[0.44]
TEMPERATURE RISE 65°C (AMBIENT TEMPERATURE 40°C)	
INSULATION RESISTANCE 100MΩ (WINDING TO THE CRUST)	
AMBIENT TEMPERATURE -10°C~40°C[14°F~104°F]	
INSULATION CLASS E 120°C[248°F]	
DIELECTRIC STRENGTH 650±50 VAC FOR 1 Sec.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	

PIN No.	WIRE COLOR	STEP			
		1	2	3	4
1	YEL	-			-
2	RED			-	-
3	BLK		-	-	
4	ORG	-	-		
5	BLU	+	+	+	+
6	BRN	+	+	+	+



	APVD		9.18.2021
	CHKD		
2:1	DRN		
SCALE	SIGNATURE		DATE

PM STEPPER MOTOR
42PM48M01-SG50