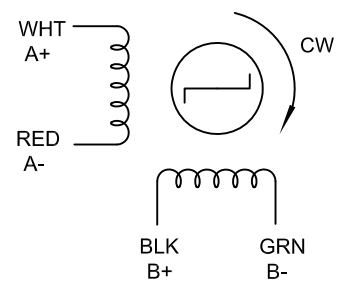


SPECIFICATION	VALUE
NO. OF PHASE	2
AMPS/PHASE	0.167
RESISTANCE/PHASE(Ohms)@20°C	30±7%
INDUCTANCE/PHASE(mH)@1KHz	9.5±20%
STEP ANGLE(°)	18±7%
THE MARK THRUST(N)@200Hz	9
THE MARK PULL(N)@200Hz	9
TRAVEL DISTANCE(mm)	12
LINEAR TRAVEL/STEP(mm)	0.02±30%
PULL-IN RATE(PPS)	650
WEIGHT(g)[lb]	14[0.03]
PROTECTION RATE	IP30
LIFE 20,000 CYCLES(A CYCLE ADVANCE 12mm,BACKING OUT 12mm @ 100PPS)	
INSULATION RESISTANCE100MΩ (WINDING TO THE CRUST)	
AXIAL BACKLASH LESS THAN 0.05mm(BACKFORWARDS)	
AMBIENT TEMPERATURE 0°C~50°C[32°F~122°F]	
INSULATION CLASS E 120°C[248°F]	

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



	APVD		5.20.2019
	CHKD		
	2:1	DRN	
	SCALE	SIGNATURE	DATE

PM STEPPER MOTOR

15LN20L01-311