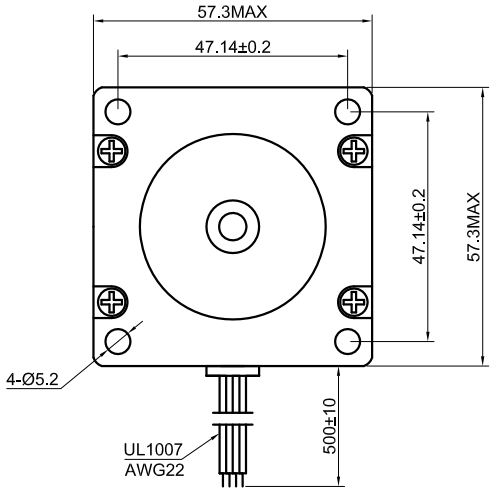
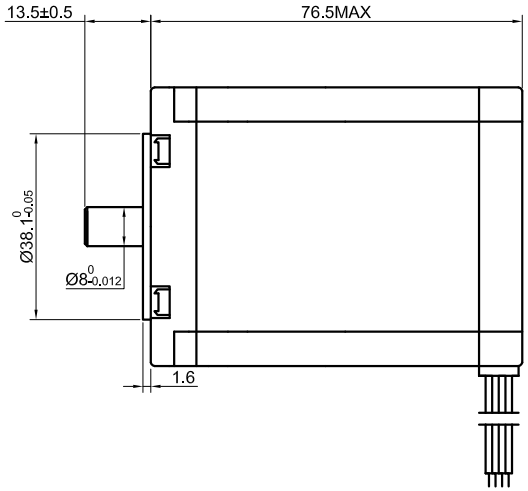


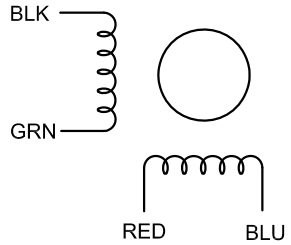


SPECIFICATION / CONNECTION	BIPOLAR
AMPS/PHASE	2.90
RESISTANCE/PHASE(Ohms)@25°C	1.13±10%
INDUCTANCE/PHASE(mH)@1KHz	4.80±20%
HOLDING TORQUE(Nm)[lb-in]	1.89[16.73]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	440.00
WEIGHT(Kg)[lb]	——
TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED）	
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]	
INSULATION RESISTANCE 100 Mohm（UNDER NORMAL TEMPERATURE AND HUMIDITY）	
INSULATION CLASS B 130°C[266°F]	
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)	

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A+	BLK	A+
2	A-	GRN	A-
3	B+	RED	B+
4	B-	BLU	B-

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

STEP	A+	B+	A-	B-		
1	+	+	-	-		CCW
2	-	+	+	-	↓	↑
3	-	-	+	+		
4	+	-	-	+	CW	



OYSTEPPER

	APVD		7.23.2021	STEPPER MOTOR
	CHKD			
1:1.5	DRN			23HS30-2904S
SCALE	SIGNATURE		DATE	