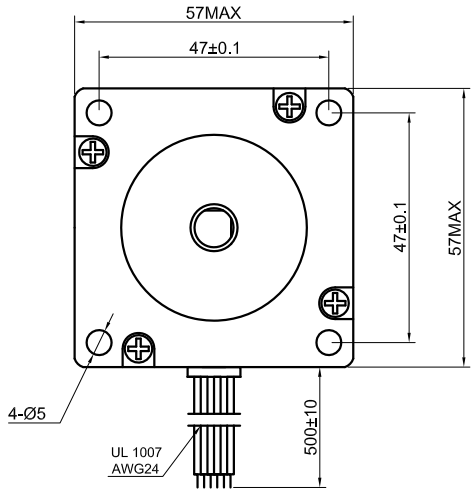
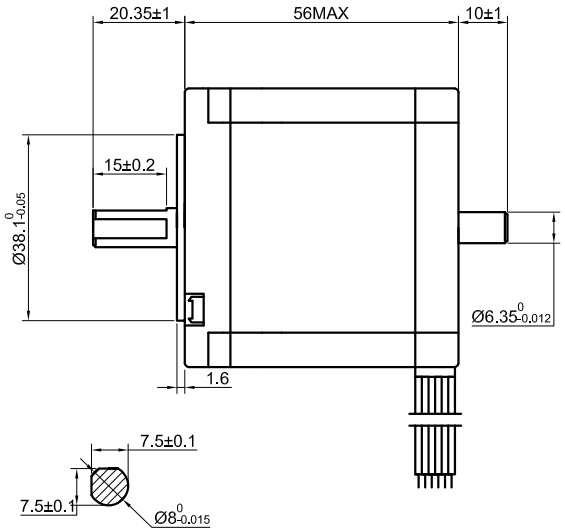
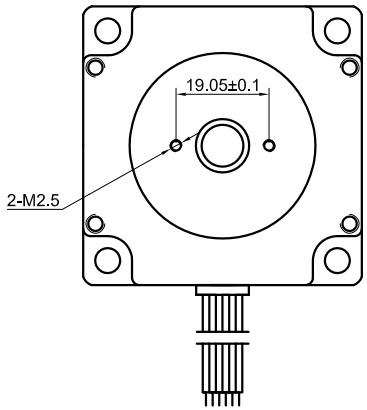


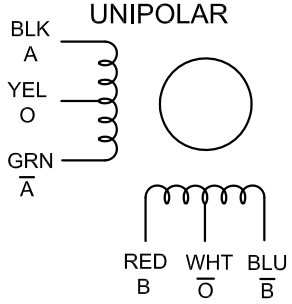




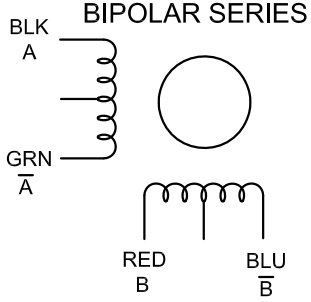
SPECIFICATION / CONNECTION	UNIPOLAR	BIPOLAR (SERIAL)
VOTAGE(VOC)	7.40	10.50
AMPS/PHASE	1.00	0.71
RESISTANCE/PHASE(Ohms)@25°C	7.40±10%	14.80±10%
INDUCTANCE/PHASE(mH)@1KHz	10.00±20%	40.00±20%
HOLDING TORQUE(Nm)[lb-in]	0.90[7.97]	1.28[11.33]
STEP ANGLE(°)	1.80	
STEP ACCURACY(NON-ACCUM)	±5.00%	
ROTOR INERTIA(g-cm²)	300.00	
WEIGHT(Kg)[lb]	0.70[1.54]	
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)		

STEP	A	B	$\overline{A}$	$\overline{B}$	O ($\overline{O}$)	CW
1	+	+			+	↓
2		+	+		+	
3			+	+	+	
4	+			+	+	
1	+	+			+	

UNIPOLAR



BIPOLAR SERIES



	APVD			STEPPER MOTOR
	CHKD			
1:1.5	DRN			23HS22-1006D
SCALE	SIGNATURE		DATE	