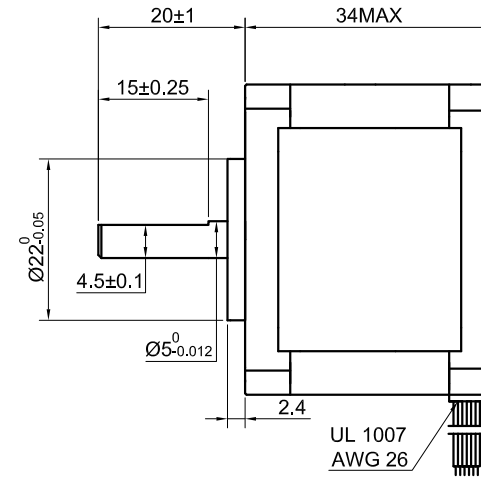
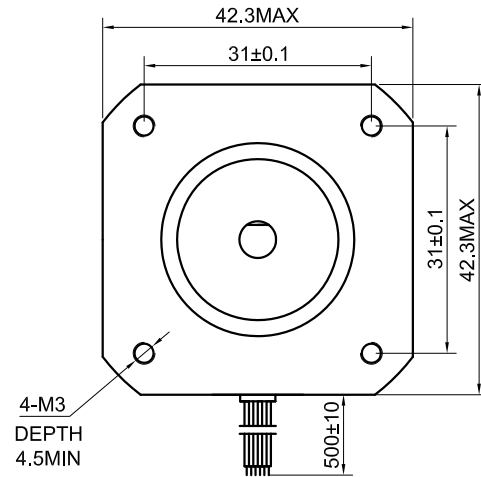
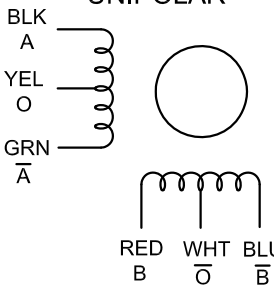




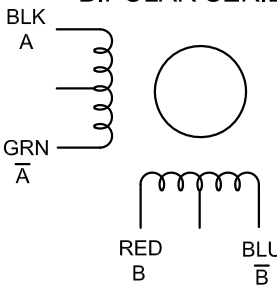
SPECIFICATION \ CONNECTION		UNIPOLAR	BIPOLAR (SERIAL)	
VOTAGE(VOC)		12.00	16.94	
AMPS/PHASE		0.31	0.22	
RESISTANCE/PHASE(Ohms)@25°C		35.80±10%	77.00±10%	
INDUCTANCE/PHASE(mH)@1KHz		36.00±20%	144.00±20%	
HOLDING TORQUE(Nm)[lb-in]		0.16[1.42]	0.23[2.04]	
STEP ANGLE(°)		0.90		
STEP ACCURACY(NON-ACCUM)		±5.00%		
ROTOR INERTIA(g-cm²)		38.00		
WEIGHT(Kg)[lb]		0.28[0.62]		
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	A̅	B̅	O(O̅)	CW
1	+	+			+	
2		+	+		+	
3			+	+	+	
4	+			+	+	
1	+	+			+	

UNIPOLAR



BIPOLAR SERIES



		APVD			STEPPER MOTOR
		CHKD			
		1:1	DRN		
		SCALE	SIGNATURE	DATE	
17HM13-0316S					

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

