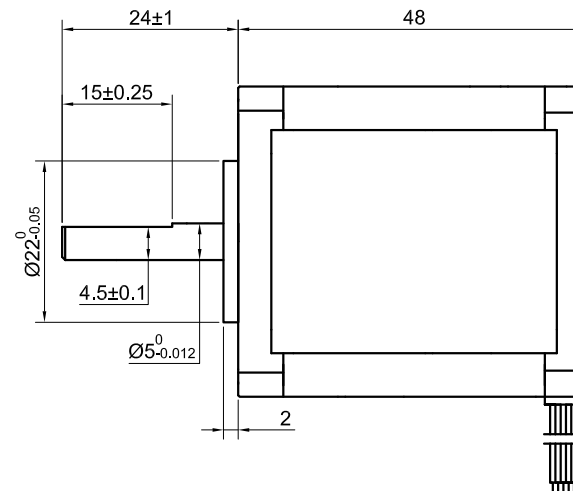
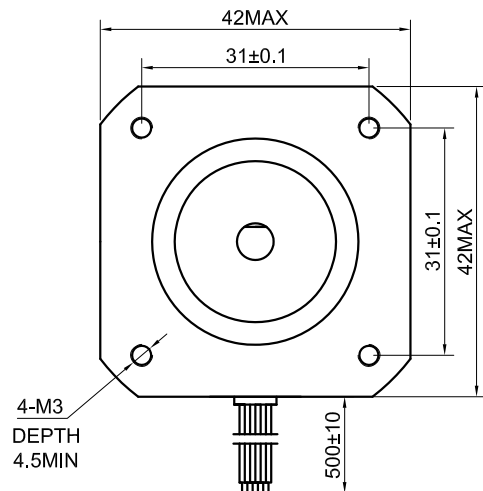
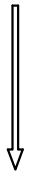
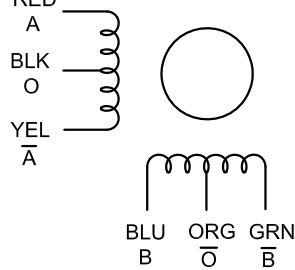




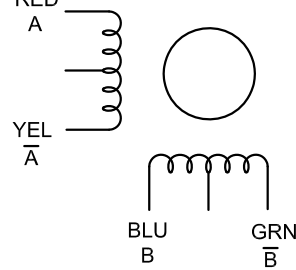
SPECIFICATION		CONNECTION		UNIPOLAR		
VOTAGE(VOC)				12.00		
AMPS/PHASE				0.40		
RESISTANCE/PHASE(Ohms)@25°C				30.00±10%		
INDUCTANCE/PHASE(mH)@1KHz				38.00±20%		
HOLDING TORQUE(Nm)[lb-in]				0.32[2.83]		
STEP ANGLE(°)				0.90		
STEP ACCURACY(NON-ACCUM)				±5.00%		
ROTOR INERTIA(g-cm²)				68.00		
WEIGHT(Kg)[lb]				0.35[0.77]		
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)						
				APVD		STEPPER MOTOR
				CHKD		
		1:1		DRN		17HM19-0406S
		SCALE		SIGNATURE		

STEP	A	B	A̅	B̅	O(O̅)	CW
1	+	+			+	
2		+	+		+	
3			+	+	+	
4	+			+	+	
1	+	+			+	

UNIPOLAR



BIPOLAR SERIES



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

