



SPECIFICATION		CONNECTION		BIPOLAR	
VOTAGE(VOC)				2.80	
AMPS/PHASE				2.00	
RESISTANCE/PHASE(Ohms)@25°C				1.40±10%	
INDUCTANCE/PHASE(mH)@1KHz				3.00±20%	
HOLDING TORQUE(Nm)[lb-in]				0.46[4.07]	
STEP ANGLE(°)				0.90	
STEP ACCURACY(NON-ACCUM)				±5.00%	
ROTOR INERTIA(g-cm²)				82.00	
WEIGHT(Kg)[lb]				0.40[0.88]	
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	
				CHKD	
		1:1		DRN	
		SCALE		SIGNATURE	DATE
				STEPPER MOTOR	
				17HM19-2004S	

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

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

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

