



SPECIFICATION \ CONNECTION		BIPOLAR	
AMPS/PHASE		2.00	
RESISTANCE/PHASE(Ohms)@25°C		1.40±10%	
INDUCTANCE/PHASE(mH)@1KHz		3.00±20%	
HOLDING TORQUE(Nm)[lb-in]		0.59[5.22]	
STEP ANGLE(°)		1.80	
STEP ACCURACY(NON-ACCUM)		±5.00%	
ROTOR INERTIA(g-cm²)		82.00	
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	
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
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

	APVD		10.30.2020	STEPPER MOTOR
	CHKD			
1:1	DRN			17HS19-2004S1
SCALE	SIGNATURE	DATE		

