



SPECIFICATION		CONNECTION		BIPOLAR	
VOTAGE(VOC)				3.78	
AMPS/PHASE				4.20	
RESISTANCE/PHASE(Ohms)@25°C				0.90±10%	
INDUCTANCE/PHASE(mH)@1KHz				3.80±20%	
HOLDING TORQUE(Nm)[lb-in]				3.00[26.55]	
STEP ANGLE(°)				1.80	
STEP ACCURACY(NON-ACCUM)				±5.00%	
ROTOR INERTIA(g-cm²)				800.00	
WEIGHT(Kg)[lb]				1.60[3.53]	
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			STEPPER MOTOR
			CHKD			
1:1.5			DRN			
SCALE	SIGNATURE		DATE		23HS45-4204S	

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

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

