



SPECIFICATION		CONNECTION		BIPOLAR				
AMPS/PHASE				4.20				
RESISTANCE/PHASE(Ohms)@25°C				0.88±10%				
INDUCTANCE/PHASE(mH)@1KHz				3.40±20%				
HOLDING TORQUE(Nm)[lb-in]				3.00[26.55]				
STEP ANGLE(°)				1.80				
STEP ACCURACY(NON-ACCUM)				±5.00%				
ROTOR INERTIA(g-cm²)				—				
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)								
<div>STEPPERONLINE®</div>				APVD		10.30.2020	STEPPER MOTOR	
				CHKD				
				1:1.5	DRN			23HE45-4204S
				SCALE	SIGNATURE		DATE	

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	+	-	-	+		

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	+	-	-	+		

