



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			<h1>STEPPER MOTOR</h1> <h2>23HS45-4204S</h2>
	CHKD			
1:1.5	DRN			
SCALE	SIGNATURE	DATE		