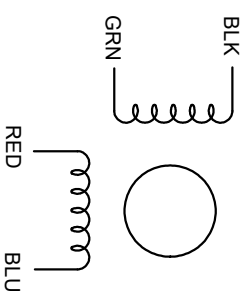


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		2.00
RESISTANCE/PHASE(Ohms)@25°C		3.60±10%
INDUCTANCE/PHASE(mH)@1KHz		12.00±20%
HOLDING TORQUE(Nm)[lb-in]		1.20[10.62]
LINEAR TRAVEL/STEP(mm)		0.01
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		280.00
WEIGHT(kg)[lb]		0.66[1.43]
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	A
2	A1 -	GRN	A1
3	B -	RED	B
4	B1 -	BLU	B1

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

STEP	A	B	A1	B1	CCW	CW
1	+	+	-	-	←	→
2	-	-	+	+	→	←
3	+	+	-	-	←	→
4	-	-	+	+	→	←



**STEPPERONLINE**<sup>®</sup>

SCALE 1:1.5

APVD	XXX	12.18.2023
CHKD		
DRN	ZPJ	12.18.2023
SIGNATURE		DATE

**STEPPER MOTOR**  
23E22S2004AJ2-150RS  
(23LS22-2004E-150T)