



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.67
RESISTANCE/PHASE(Ohms)@25°C		9.20±10%
INDUCTANCE/PHASE(mH)@1KHz		5.70±20%
HOLDING TORQUE(Nm)[lb-in]		0.12[1.06]
LINEAR TRAVEL/STEP(mm)		0.003175
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm²)		18.00
WEIGHT(kg)[lb]		0.20[0.44]
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 -		RED		A	
2						A1 -		BRN		A1	
3						B -		YEL		B	
4						B1 -		ORG		B1	

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

STEP	A	B	A1	B1	CCW	CW
1	+	+	-	-	↑	↓
2	-	+	+	-	↓	↑
3	-	-	+	+	↑	↓
4	+	-	-	+	↓	↑

RED
BRN
YEL
ORG

STEPPER MOTOR

11E20S0674ED2-100RS



APVD	-	12.18.2023	STEPPER MOTOR
CHKD			
DRN	LDJ	12.18.2023	
SCALE			