



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)		0.01
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	A -	BRN	A1
3	B -	YEL	B
4	B -	ORG	B1

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

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

RED
BRN
YEL
ORG

STEPPER MOTOR

11N20S0674AA2-100RS

APVD

CHKD

DRN

SIGNATURE

DATE

12.18.2023

12.18.2023

STEPPER MOTOR

11N20S0674AA2-100RS

STEPPERONLINE®