

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	MYX	8.1.2025

42.3MAX

31±0.2

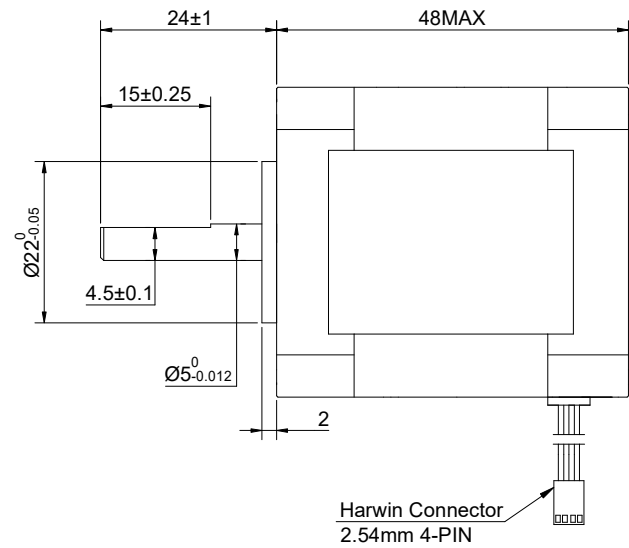
4-M3
DEPTH
4.5MIN

1000±15

Black Housing

42.3MAX

31±0.2




SPECIFICATION \ CONNECTION	UNIPOLAR
AMPS/PHASE	2.00
RESISTANCE/PHASE(Ohms)@25°C	1.60±10%
INDUCTANCE/PHASE(mH)@1KHz	3.00±20%
HOLDING TORQUE(Nm)[lb-in]	0.59[5.22]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	82.00
WEIGHT(Kg)[lb]	--
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:LENGTH 20mm: 21N MAX
1.TMBF 6000h OR MORE @ 24V/300RPM
2.INSULATION RESISTANCE
(NORMAL TEMPERATURE AND
HUMIDITY): 100 Mohm
3.DIELECTRIC STRENGTH 500VAC FOR
1MIN.(BETWEEN THE MOTOR COILS
AND THE MOTOR CASE)



MOTOR CONNECTION			
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)						DIMENSIONS ARE IN MILLIMETERS.		
STEP	A+	B+	A-	B-	O(\bar{O})	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">↓</div> <div style="margin-right: 10px;">CW</div> <div style="margin-right: 10px;">↑</div> <div style="margin-right: 10px;">CCW</div> </div>	TOLERANCES ARE AS BELOW:	
1	-	-			+		DECIMALS	ANGLES
2		-			+		X	± 0.5
3			-	-	+		X.X	± 0.25
4	-			-	+		X.XX	± 0.13
							THIRD ANGLE PROJECTION	
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						DRN	MYX	8.1.2025
						APVD	ZPJ	8.1.2025

STEPPERONLINE®

STEPPER MOTOR

17HS19-2004S1

REV.	0	SCALE	1:1	DWG NO.	A0842
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