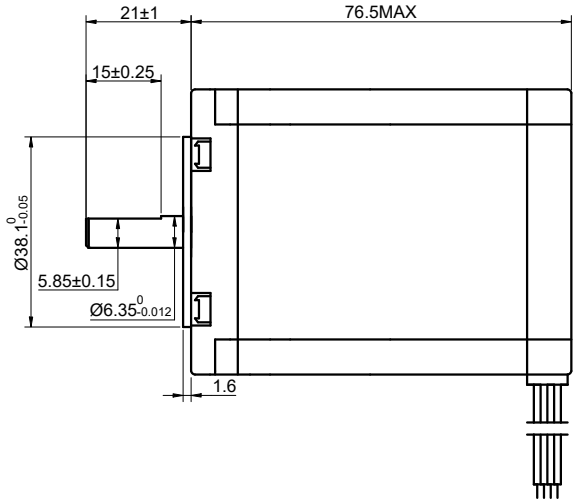
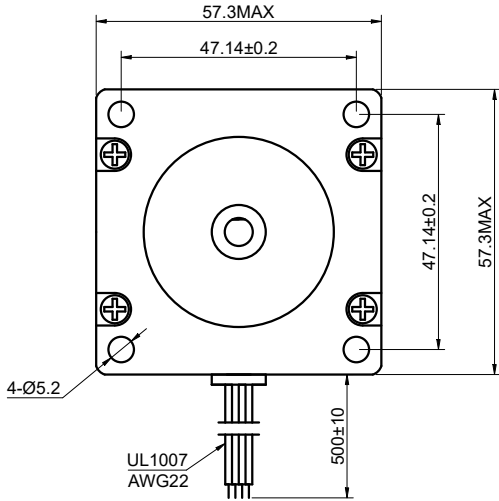


A1214	DWG NO.	23HS22-2804S	MODEL NO.
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN		
1	RESISTANCE, INDUCTANCE, HOLDING TORQUE	YSX	4.2.2025



CONNECTION	BIPOLAR
AMPS/PHASE	2.80
RESISTANCE/PHASE(Ohms)@25°C	1.17±10% ^①
INDUCTANCE/PHASE(mH)@1KHz	4.36±20% ^②
HOLDING TORQUE(Nm)[lb-in]	2.00[17.7] ^③
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	300
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:
1. MINOR ADJUSTMENTS MADE, NO PERFORMANCE IMPACT.
① PREVIOUS VALUE: 1.13Ω.
② PREVIOUS VALUE: 4.8mH.
③ PREVIOUS VALUE: 1.9Nm.
2. TMBF 6000h OR MORE @ 24V/300RPM
3. INSULATION RESISTANCE (NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
4. 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-		DECIMALS	ANGLES
1	+	+	-	-		X ±0.5	±2°
2	-	+	+	-		X.X ±0.25	
3	-	-	+	+		X.XX ±0.13	
4	+	-	-	+		THIRD ANGLE PROJECTION	

STEPPERONLINE®

STEPPER MOTOR

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHERS UNLESS EXPRESSLY AUTHORIZED IN BY WRITING STEPPERONLINE.	SIGNATURE		DATE
	DRN	YSX	4.2.2025
	APVD	LJ	4.2.2025

23HS30-2804S

REV.	1	SCALE	2:3	DWG NO.	A1214
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