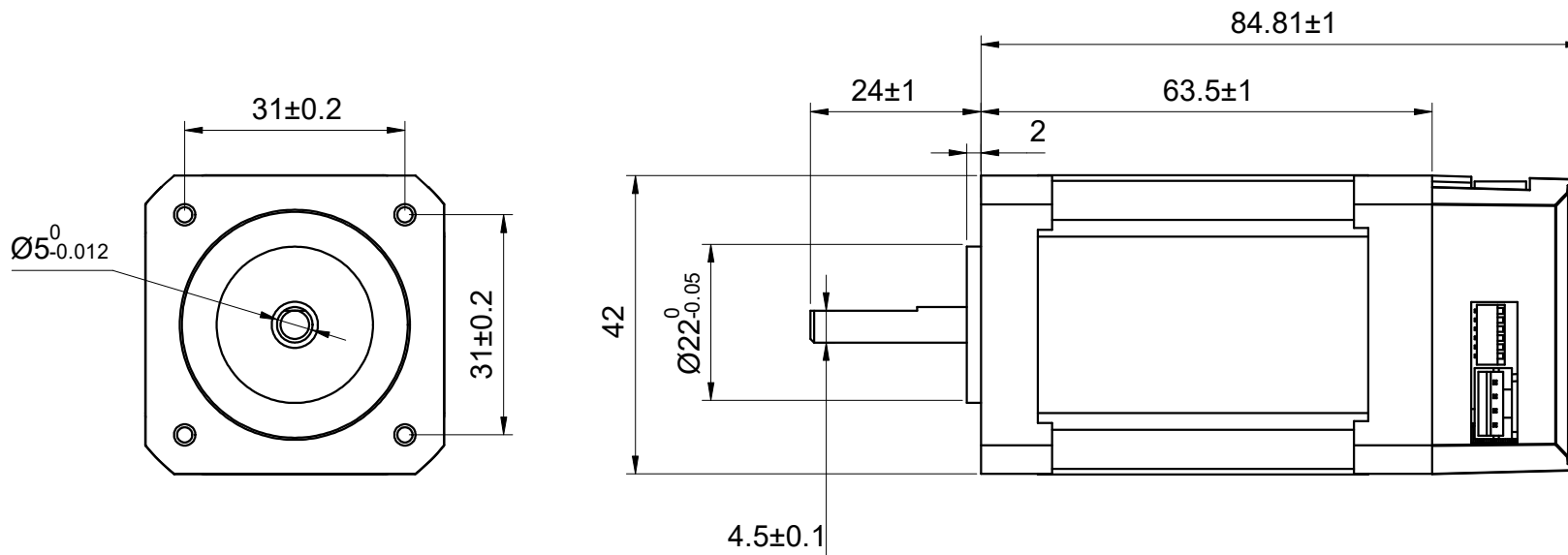


MODEL NO.	iDM42-08	DWG NO.	A3452
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	HW	7.2.2024



CONNECTION	BIPOLAR
SPECIFICATION	
POWER VOLTAGE(V)	20-36
PEAK CURRENT(A)	0.3-3.0
LOGICAL VOLTAGE(V)	5
LOGICAL CURRENT(mA)	7-16
HOLDING TORQUE(Nm)[lb-in]	0.80[7.08]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
MAX. INPUT FREQUENCY	200KHZ
WEIGHT(Kg)[lb]	1.10[2.43]
AMBIENT TEMPERATURE	0°C~40°C[32°F~104°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

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	+	-	-	+			

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	HW	7.2.2024
				APVD	ZPJ	7.5.2024

STEPPERONLINE®									
INTEGRATED STEPPER MOTOR									
iDM42-08									
REV.	0	SCALE	1:1	DWG NO.	A3452				