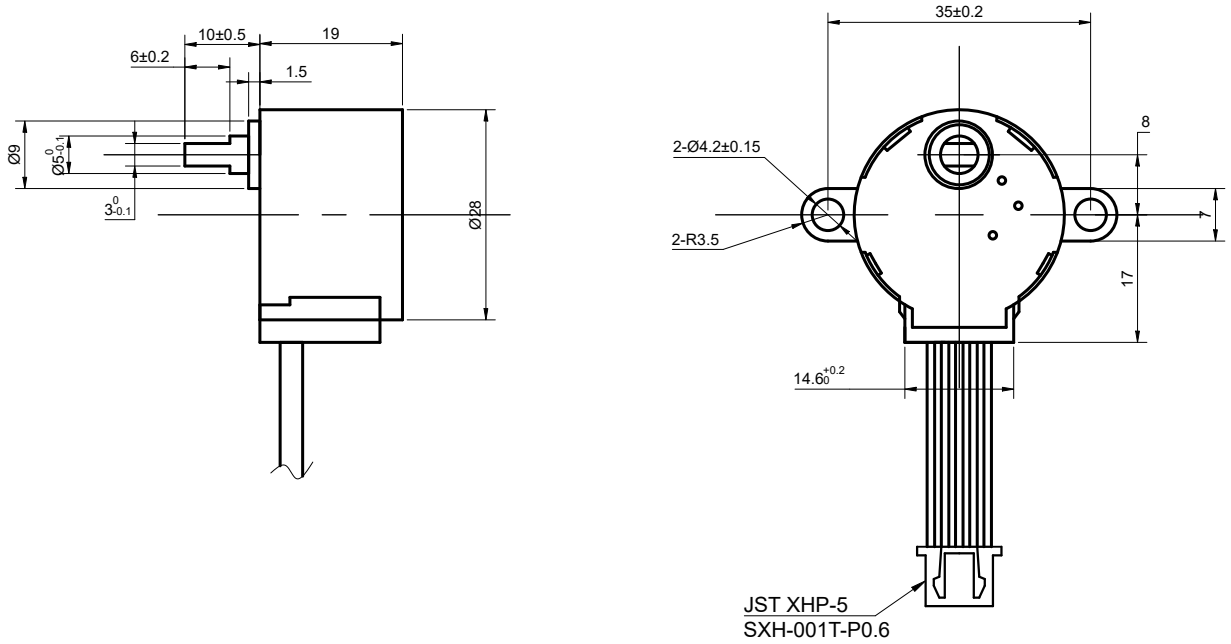
MODEL NO.	28BYJ-48	DWG NO.	A4661

CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: GREY

REV.	REVISION RECORD	BY	DATE
0	ORGIN	LJ	8.8.2025



SPECIFICATION \ CONNECTION	UNIPOLAR
FREQUENCY(Hz)	100
IN-TRACTION TORQUE(mNm)	34.3
SELF-POSITIONING TORQUE(mNm)	34.3
Noise (dB)	<35
RATED VOLTAGE （V）	5
RESISTANCE/PHASE(Ohms)@25°C	50.00±7%
FRICTION TORQUE(gf.cm)	600-1200
PULL IN TORQUE(gf.cm)	300
STEP ANGLE(°)	5.625°
Speed Variation Ratio	1/64
Number of Phase	4
TEMPERATURE RISE	＜40K[122Hz]

COMMENT:
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)

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

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW ↓ CCW ↑

DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES AS BELOW:

DECIMALS		ANGLES
X	±0.5	±2°
X.X	±0.25	
X.XX	±0.13	

THIRD ANGLE PROJECTION

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	LJ	8.8.2025
APVD	MYX	8.8.2025

STEPPERONLINE®

LINEAR STEPPER MOTOR

28BYJ-48

REV.	0	SCALE	3:2	DWG NO.	A4661