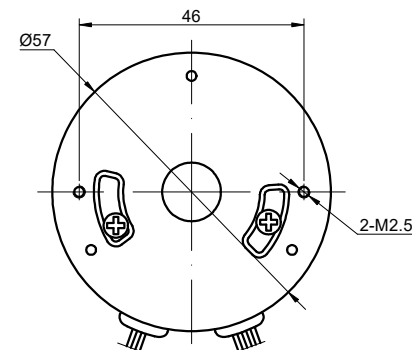
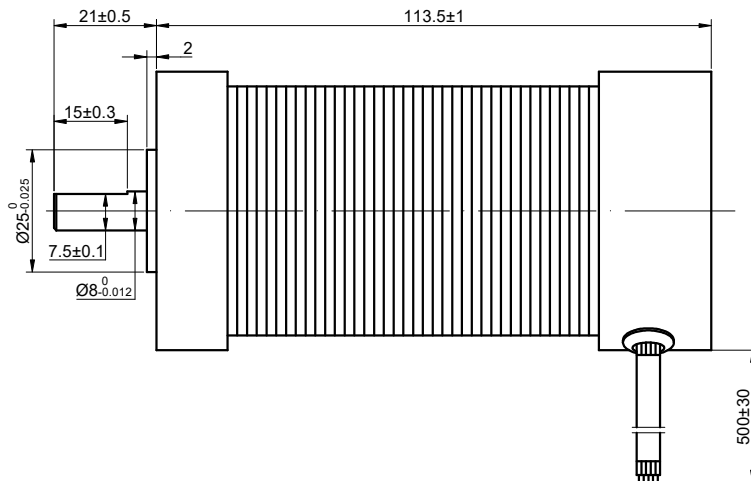
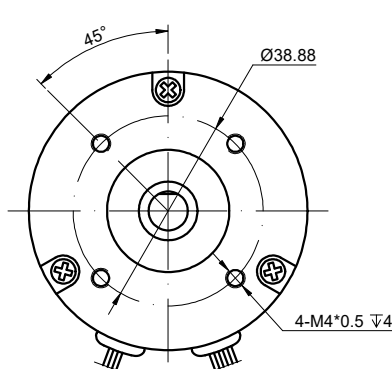


MODEL NO.	57BYA114-48-01	DWG NO.	A3152
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: GRAY

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	ZPJ	5.8.2024



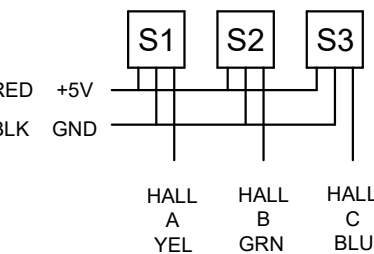
SPECIFICATION	VALUE
NO. of PHASES	3
NO. of POLES	4
RESISTANCE/PHASE(Ohms)@25°C	0.76±10%
INDUCTANCE/PHASE(mH)@1KHz	2.32±20%
RATED VOLTAGE(V)	48
RATED TORQUE(N.m)[lb-in]	0.60[5.31]
RATED POWER(W)	188
RATED SPEED(RPM)	3000±10%
RATED CURRENT(A)	5.40
NO LOAD SPEED(RPM)	3600±10%
WEIGHT(kg)	—
BACK EMF(V/krpm)	9.70±5%
SENSOR	HALL
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:
1.INSULATION RESISTANCE
(NORMAL TEMPERATURE AND HUMIDITY): 50 Mohm
2.DIELECTRIC STRENGTH: AC1200V CUT OFF
CURRENT 2mA FOR 1S

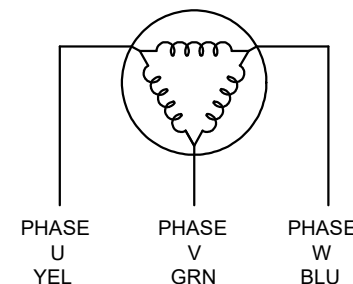
THIS DOCUMENT SHALL NOT BE REPRODUCED
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HEREIN BE USED BY OR DISCLOSED TO
OTHERS UNLESS EXPRESSLY AUTHORIZED IN
BY WRITING STEPPERONLINE.

DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES AS BELOW:
DECIMALS ANGLES
X ±0.5 ±2°
X.X ±0.25
X.XX ±0.13

THIRD ANGLE
PROJECTION



HALL LEAD: UL 1007 AWG 24



PHASE LEAD: UL3266 AWG 20

STEPPERONLINE®

BRUSHLESS DC MOTOR

57BYA114-48-01

SIGNATURE		DATE
DRN	ZPJ	5.8.2024
APVD	HW	5.8.2024

REV.	0	SCALE	1:1	DWG NO.	A3152
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