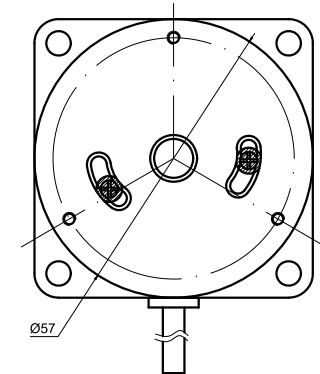
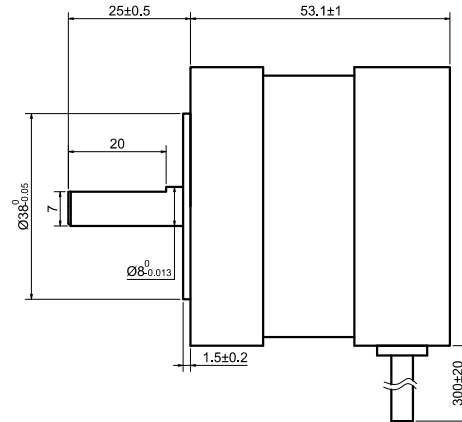
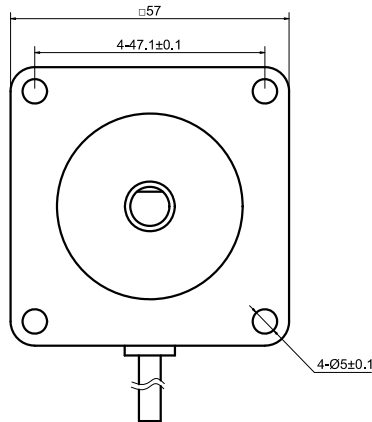


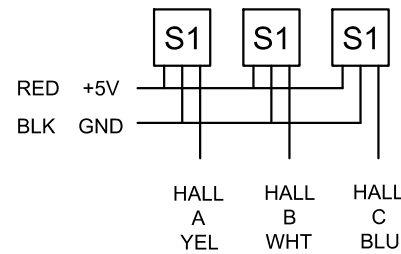
MODEL NO.	57BLR50-36-01	DWG NO.	A1654
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CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: GRAY

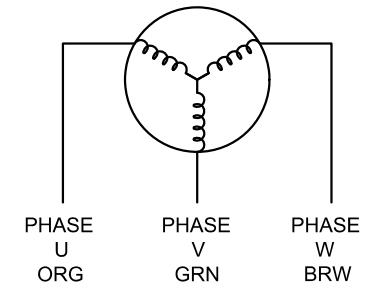
REV.	REVISION RECORD	BY	DATE
0	ORIGIN	ZPJ	9.26.2023



SPECIFICATION	VALUE
NO. of PHASES	3
NO. of POLES	4
RESISTANCE/PHASE(Ohms)@25°C	1.92±10%
INDUCTANCE/PHASE(mH)@1KHz	3.94±20%
RATED VOLTAGE(V)	36
RATED TORQUE(mN.m)	110
RATED POWER(W)	46
RATED SPEED(RPM)	4000±10%
RATED CURRENT(A)	2.00±10%
HALL LEAD STYLE	UL 1007 AWG26
PHASE LEAD STYLE	UL 1007 AWG22
BACK EMF(V/krpm)	5.7
SENSOR	HALL
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C



HALL LEAD: UL 1007 26AWG



PHASE LEAD: UL1007 22AWG

COMMENT:
1.DYNAMIC AXIAL LOAD: 10N MAX
2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 20N MAX
3.INSULATION RESISTANCE (NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
4.DIELECTRIC STRENGTH: AC600V CUT OFF CURRENT 5mA FOR 1S

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

THIRD ANGLE PROJECTION

STEPPERONLINE®

BRUSHLESS DC MOTOR

57BLR50-36-01

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SIGNATURE

DATE

DRN

ZPJ

9.26.2023

APVD

LDJ

9.26.2023

REV.	0	SCALE	1:1	DWG NO.	A1654
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