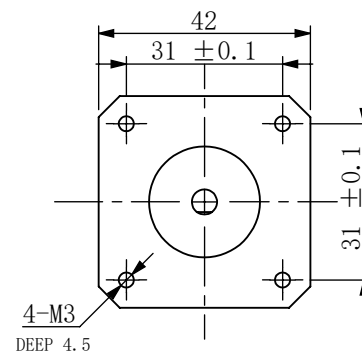
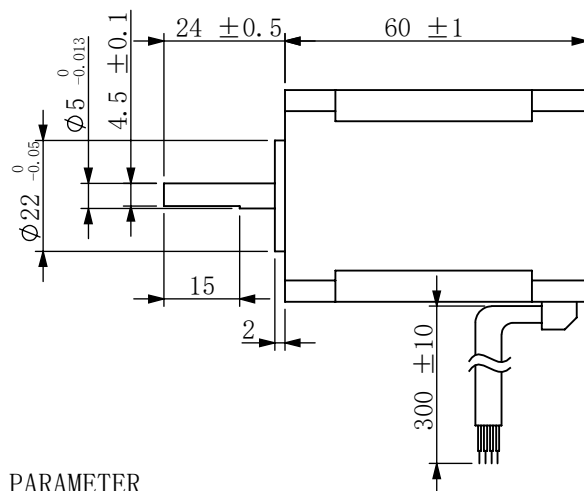


CONFORM TO RoHS INSTRUCTIONS

DWG NO.	42HS60-D0524-003
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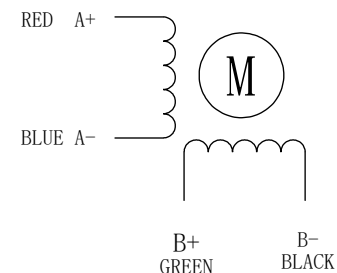
ELECTRICAL PARAMETER

STEP ANGLE	1.8° ±5%
NO. OF PHASES	2
RATED VOLTAGE	3.88V
RATED CURRENT	2A
RESISTANCE	1.94ohm±10% AT25℃
INDUCTANCE	4.96mH±20% AT 1kHz, 1Vrms
HOLDING TORQUE	0.68N. m
(AT —PPS) RUNNING TORQUE (AT —PPS)	——MIN (——V. DC, ——A/(PHASE), ——EX)
DIELECTRIC STRENGTH	500V A.C 1MINUTE
INSULATION RESISTANCE	100MΩ /MIN.
INSULATION CLASS	CLASS B
TEMPERATURE RISE	80K MAX.
ROTOR INERTIA	114g. cm²
WEIGHT	APPROX. 483g
ALLOWABLE THRUST LOAD	3N
ALLOWABLE RADIAL LOAD	20N(ON THE SHAFT END)
OPERATION AMBIENT TEMP.	-20℃——+50℃
OPERATION AMBIENT HUM.	15%——90%
LIFE	5000小时/HOURS

NOTE) :

1. AT RATED CURRENT, TWO PHASES ON.
2. OPVS/MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84*84*15
- AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPVS, 2PHASE ON.
3. LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE,
BEARING TEMPERATURE SHOULD BE 70° C MAX.

WIRING DIAGRAM




EXCITING SEQUENCE (TWO PHESES) VS. DIRECTION OF ROTATION

	STEP	A+	B+	A-	B-
<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;"> CW ↓ </div> <div style="border: 1px solid black; padding: 5px;"> 1 + + - - </div> <div style="text-align: center; margin-left: 10px;"> ↑ CCW </div> </div>	1	+	+	-	-
	2	-	+	+	-
	3	-	-	+	+
	4	+	-	-	+

CLOCKWISE VIEW FROM MOUTING SIDE

已受控

CONFIRMED&ACCEPTED BY CUSTOMER								
COMPANY CHOP&SIGNATURE								
TOLERANCE ±0.3/±3°		REV.	DATE	ECR NO.	REVISIONS		BY	NOTE
DESIGNED		SCALE			MODEL 42A08			THIRD ANGL PROJECTION
CHECKED		UNIT		mm				
							SHEET	1/1