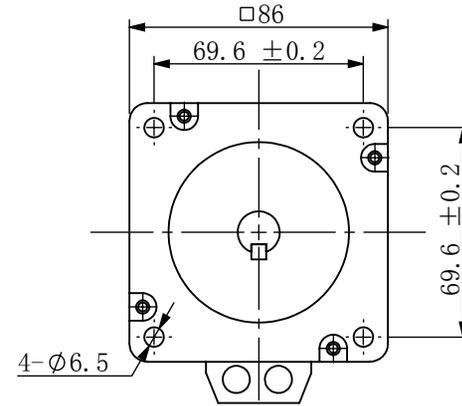
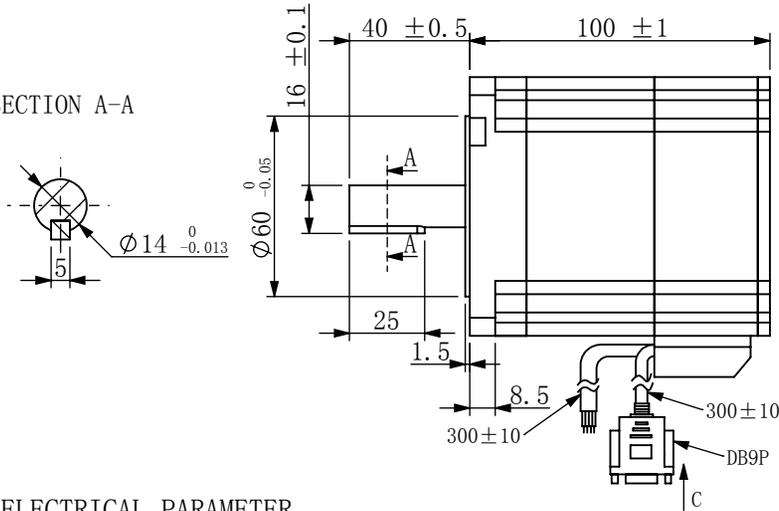
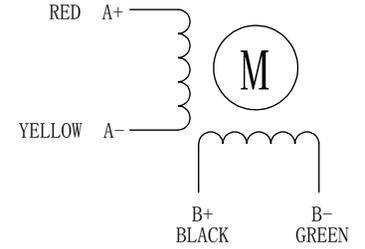


CONFORM TO RoHS INSTRUCTIONS

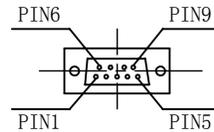
SECTION A-A



WIRING DIAGRAM



C DIRECTION



DEFINITION OF 1000-LINE PHOTOELECTRIC ENCODER									
NO.	1	2	3	4	5	6	7	8	9
DEFINITION	EA+	EA-	NC	EB+	EB-	NC	NC	5V	GND
COLOR	BROWN	WHITE	\	GREEN	YELLOW	\	\	RED	BLUE

EXCITING SEQUENCE (TWO PHESES) VS. DIRECTION OF ROTATION

	STEP	A+	B+	A-	B-
CW ↓	1	+	+	-	-
	2	-	+	+	-
	3	-	-	+	+
	4	+	-	-	+
↑ CCW					

CLOCKWISE VIEW FROM MOUNTING SIDE

ELECTRICAL PARAMETER

STEP ANGLE	1.8° ±5%
NO. OF PHASES	2
RATED VOLTAGE	1.722V
RATED CURRENT	4.2A
RESISTANCE	0.41ohm±10% AT25°C
INDUCTANCE	2.82mH±20% AT 1kHz, 1Vrms
HOLDING TORQUE	4.5N.m
(AT —PPS) RUNNING TORQUE (AT —PPS)	——MIN (——V. DC, ——A/PHASE, ——EX)
DIELECTRIC STRENGTH	500V A.C /MINUTE
INSULATION RESISTANCE	100MΩ /MIN.
INSULATION CLASS	CLASS B
TEMPERATURE RISE	80K MAX.
ROTOR INERTIA	1400g.cm <sup>2</sup>
WEIGHT	APPROX. 2460g
ALLOWABLE THRUST LOAD	10N
ALLOWABLE RADIAL LOAD	100N (ON THE SHAFT END)
OPERATION AMBIENT TEMP.	-20°C——+50°C
OPERATION AMBIENT HUM.	15%——90%
LIFE	5000HOURS

NOTE):

1. AT RATED CURRENT, TWO PHASES ON.
2. OPPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPPS, 2PHASE ON.
3. LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.

CONFIRMED&ACCEPTED BY COTUMER								
COMPANY CHOP&SIGNATURE								
TOLERANCE ±0.3/±3°	REV.	DATE	ECR NO.	REVISIONS	BY	NOTE		
DESIGNED			SCALE	MODEL			THIRD ANGLE PROJECTION	
CHECKED			UNIT	mm	ME286T040EC			
							SHEET	1/1