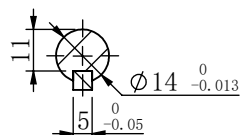


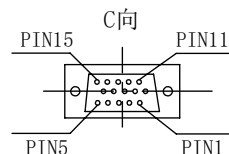
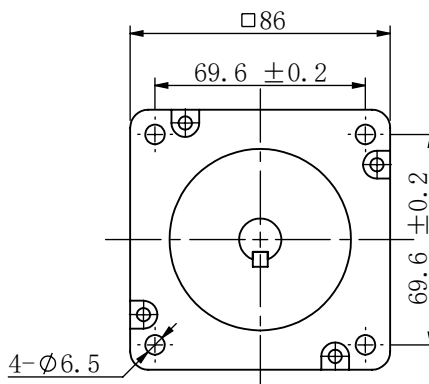
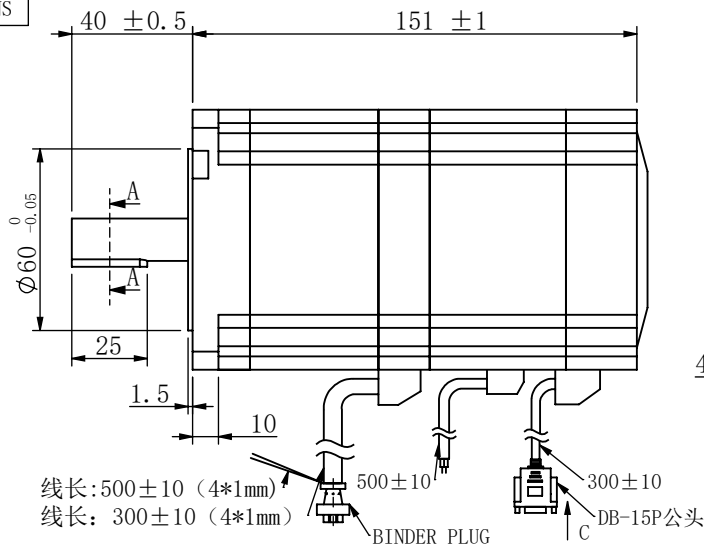
符合RoHS指令要求  
CONFORM TO RoHS INSTRUCTIONS

图号/DWG NO.  
86HSM78T-K1440-025Z

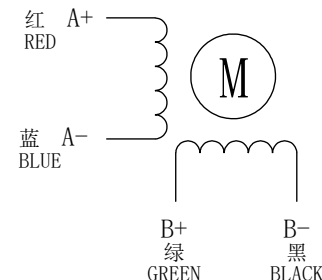
剖面 A-A



键: 5\*5\*25



接线图/WIRING DIAGRAM



电机特性参数/ELECTRICAL PARAMETER

步距角/STEP ANGLE	1.8° ±5%
相数/NO. OF PHASES	2
额定电压/RATED VOLTAGE	1.98V
额定电流/RATED CURRENT	6.0A
电阻/RESISTANCE	0.33ohm±10% AT25℃
电感/INDUCTANCE	2.95mH±20% AT 1kHz, 1Vrms
保持力矩/HOLDING TORQUE	4.5N.m
运行力矩/(AT —PPS) RUNNING TORQUE(AT —PPS)	——以上/MIN (——V.DC, ——A/相(PHASE), ——相励磁/EX)
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1分钟/MINUTE
绝缘电阻/INSULATION RESISTANCE	100MΩ 以上/MIN.
绝缘等级/INSULATION CLASS	CLASS B
温度上升/TEMPERATURE RISE	80K MAX.
转子惯量/ROTOR INERTIA	1400g.cm <sup>2</sup>
重量/WEIGHT	约/APPROX. 2460克/g
允许轴向负载/ALLOWABLE THRUST LOAD	10N
允许径向负载/ALLOWABLE RADIAL LOAD	100N(轴端/ON THE SHAFT END)
运行环境温度/OPERATION AMBIENT TEMP.	-20℃——+50℃
运行环境湿度/OPERATION AMBIENT HUM.	15%——90%

备注(NOTE):

- 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.
- 热阻法: 电机安装在84\*84\*T5的铝板上, 电机线圈两端通额定电压, OPPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84\*84\*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, OPPS, 2PHASE ON.
- 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70° C LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.

1000线光电编码器出线定义

Pin	1	2	3	6	11	12	13	Pin	1	2	3	4	5	6
Definition	EA+	VCC	GND	PE	EB+	EB-	EA-	Definition	A+	A-	B+	B-	NC	NC
Color	BROWN	RED	BLUE		GREEN	YELLOW	WHITE	Color	RED	BLUE	GREEN	BLACK	BLACK	BLACK

刹车技术参数/BRAKE TECHNICAL PARAMETER

DC	24V DC
Torque of disengagement	5.5N·M
Power	4.3W
Maximum speed	1K RPM
Response time	50ms
Insulation class	CLASS B
Black	-
Red	+

CONFIRMED&ACCEPTED BY CUTOMER  
(客户确认&接受)

COMPANY CHOP&SIGNATURE  
(盖章&签名)

2022-12-14

一般公差  
TOLERANCE

±0.3/±3°

版本  
REV.

年月日  
DATE

变更番号  
ECR NO.

变更内容  
REVISIONS

设计  
BY

备注 NOTE

REV.

A

设计/DESIGNED

设计/DESIGNED

比例  
SCALE

单位  
UNIT

mm

型号/MODEL

86AM45ED-Z2-HG

审核/CHECKED

深圳锐特机电技术有限公司

页  
SHEET

1/1

三维图  
THIRD ANGLE  
PROJECTION

