

东莞市银燕电气科技有限公司

规格书

客户名称: _____

Customer

规格型号: ES09MD (数码板)

Part No. _____

文件编号: _____

File No. _____

客户确认 Customer Approved	料号 Part No.		签章 Signatures	日期 Date
EMAX Approved	拟制 Drawn	审核 Check	批准 Approved	批准日期 Date
	杨超			2023/05/11

地址:东莞市常平镇还珠沥村高隆工业区银燕工业园

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TTTT://www.yinyanmodel.com

使用环境 Working's Environment:

No.	Item	
1	储存温度 Storage temperature Range	-20°C~60°C
2	运行温度 Operating temperature Range	-10°C~50°C

电气特性 Electrical Specification (Function of the Performance):

No.	Item	4.8V	6.0V
1	空载速度 (±10%) Operating speed (at no load)	0.11 sec/60°	0.09sec/60°
2	空载电流 Running current (at no load)	250mA Max	300mA Max
3	堵转扭矩 Stall torque	2.3kg.cm Max	2.6kg.cm Max
4	堵转电流 Maximum current	1.1A Max	1.3A Max
5	静态电流 Idle Current	9.5mA	9.5mA

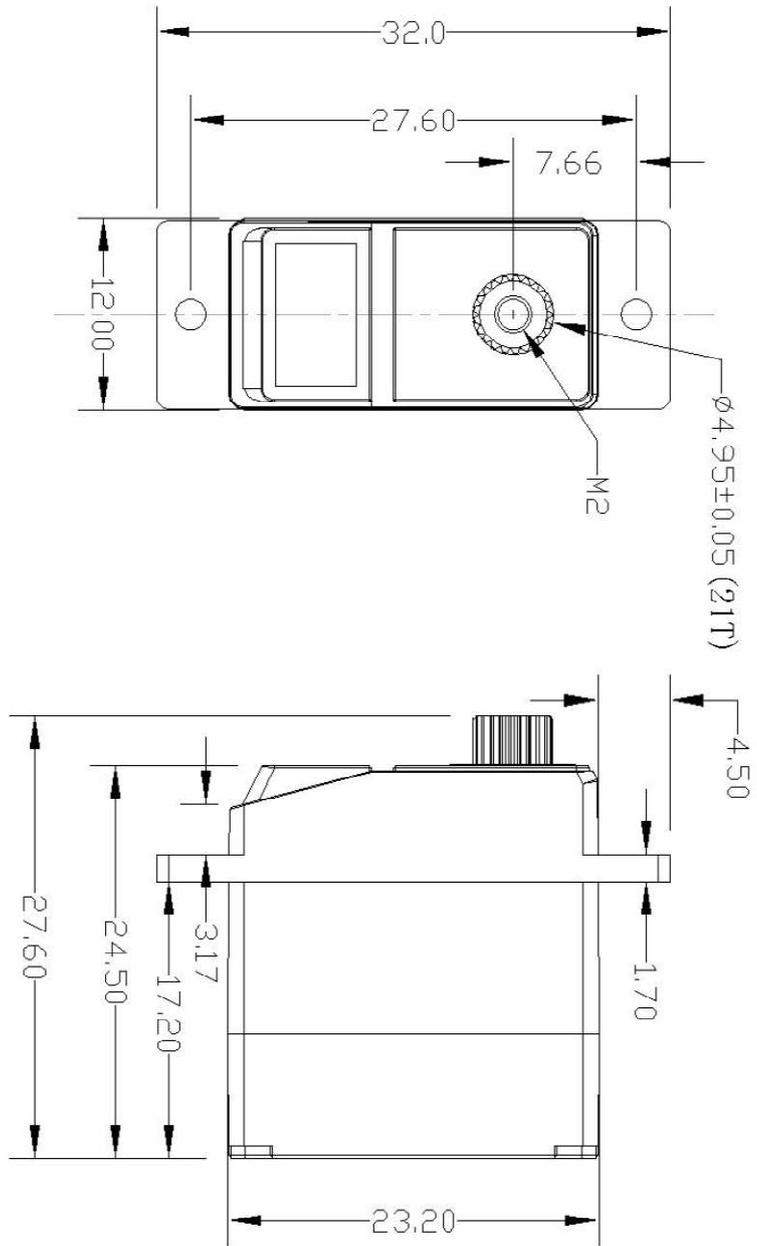
机械特性 Mechanical Specification:

No.	Item	Specification
1	外观尺寸 Overall Dimensions	见成品图
2	重量 Weight	13.5 ± 1 g
3	端子规格 Connector wire gauge	JR
4	3P 线长度 (单位: mm) Connector wire length	250 ± 8 (不含端子)
5	花头 Flower head	21T
6	轴承 Bearing	2BB
7	齿轮类型 Gear type	4metal gear +1plastic gear
8	极限角度 Extreme angle	360°

控制特性 Control Specification:

No.	Item	Specification
1	控制系统 Control system	PWM
2	操作角度 Operating travel	90° ± 10° (when 1000-2000 μ sec)
3	中立位置 Neutral position	1500 μ sec
4	旋转方向 Rotating direction	Counter Clockwise / Pulse Traveling 1500 to 1900 μ sec
5	脉波宽度范围 Pulse width range	800-2200 μ sec
6	可作动角度范围 Maximum travel	125° ± 10° (800-2200μ sec)

成品图 V1.2



No.:	CHANGE	ITEM	CHANGE	BEFORE	CHANGE	AFTER	DATE	CHANGER

TITLE: ES09MA/MD		Date: 2023/05/11		Sheet: 1/1		Units: mm	
Dr.by: YC	Ck.by:	App.by:	Tol: XXX±0.2	Scaler: N.A.			