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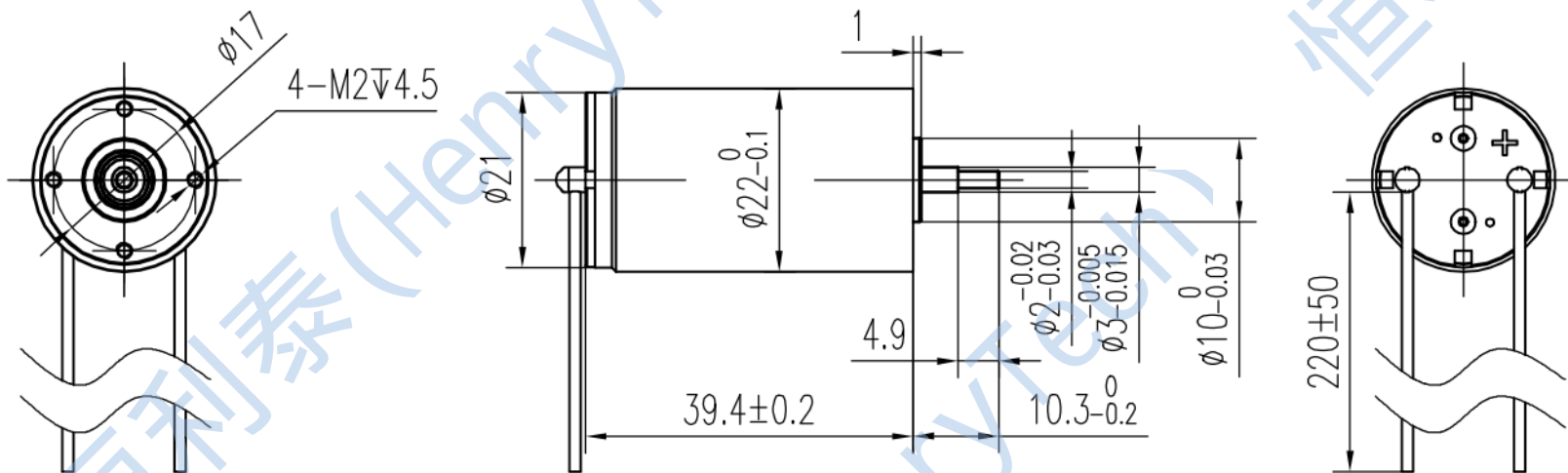
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修订 Revise	变更描述 Change Description	变更单号 Change Order Number	签名 Signature	日期 Date			



电机参数表Motor Parameter Table

1	额定电压Nominal Voltage	24	VDC
2	额定转矩Nominal Torque	16	mNm
3	额定转速Nominal Speed	10800	rpm
4	额定电流Nominal Current	1.2	A
5	空载转速No-load Speed	12800	rpm
6	空载电流No-load Current	0.1	A
7	堵转转矩Stall Torque	69.8	mNm
8	堵转电流Stall current	4.3	A
9	转矩常数Torque constant	16.8	mNm/A
10	转速常数Speed constant	541	rpm/V
11	机械时间常数 Mechanical time constant	6.18	ms
12	转子惯量Rotor inertia	6.05	gcm ²
13	工作温度Operating Temperature	-40~75	℃
14	额定输出功率Rated Output Power	18	W

技术要求Technical Requirements:

- 电机表面无划伤、碰伤、擦伤、油污及异物等影响外观的缺陷;
(The motor surface shall be free from appearance-related defects such as scratches, dents, abrasions, oil stains, and foreign matter.)
- 未注尺寸公差按GB1804-m执行;
(Unspecified dimensional tolerances shall comply with GB1804-m.)
- 未注形位公差按GB/T 1184-k执行。
(Unspecified geometric tolerances shall comply with GB/T 1184-k.)

电机引线定义(AF-250-0.35mm²高温线) Motor Lead Definition:

- 红(Red)~正(+);
- 黑(Black)~负(-)

制图 Drawn	版次 Revision	比例 Scale	型号规格 (Model/Specification)
审核 Reviewed	投影 Projection		HM-DCX-D22mm
批准 Approved	未注公差 General tolerance X.	长度 Length ± 0.2	品名 (Product Name)
		角度 Angle $\pm 5^\circ$	18W 石墨电刷电机 (18W Graphite brush motor)
		*为重点尺寸 * Critical dimension	单位Unit mm
			成都恒利泰科技有限公司 Chengdu HenryTech Technology co., Ltd

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