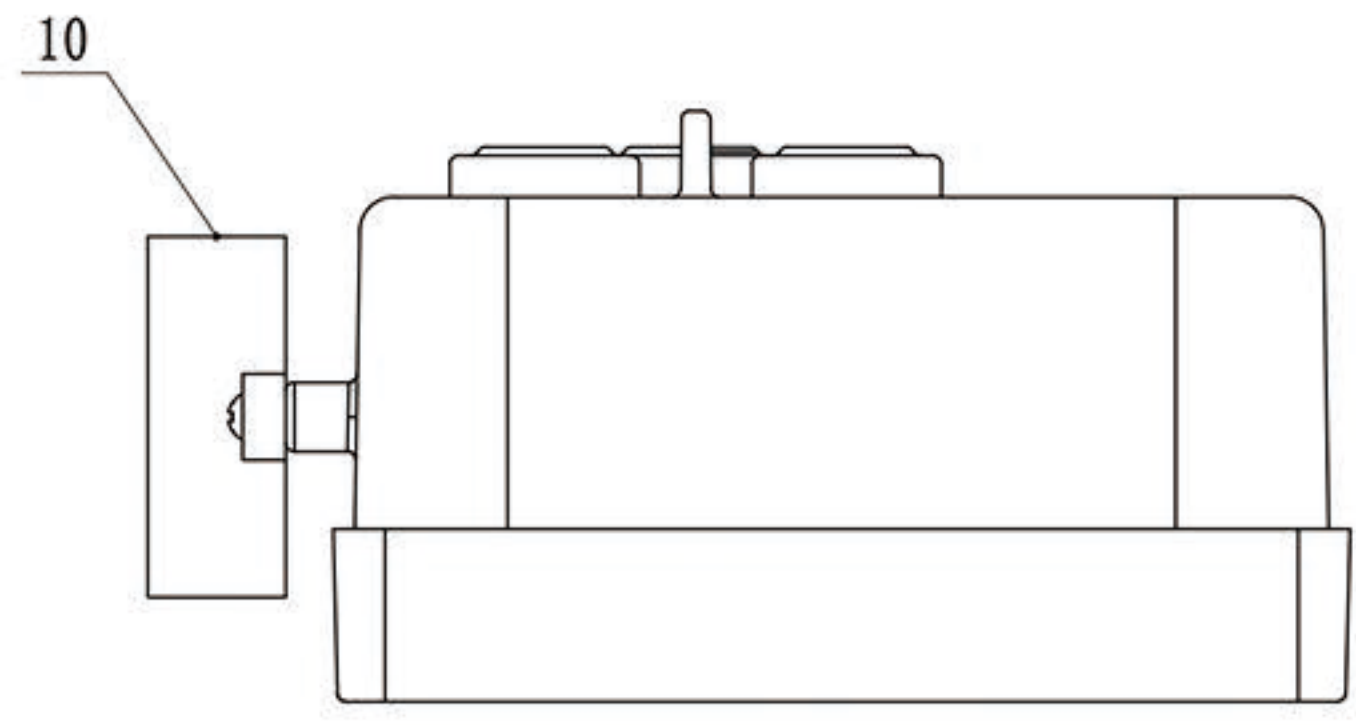
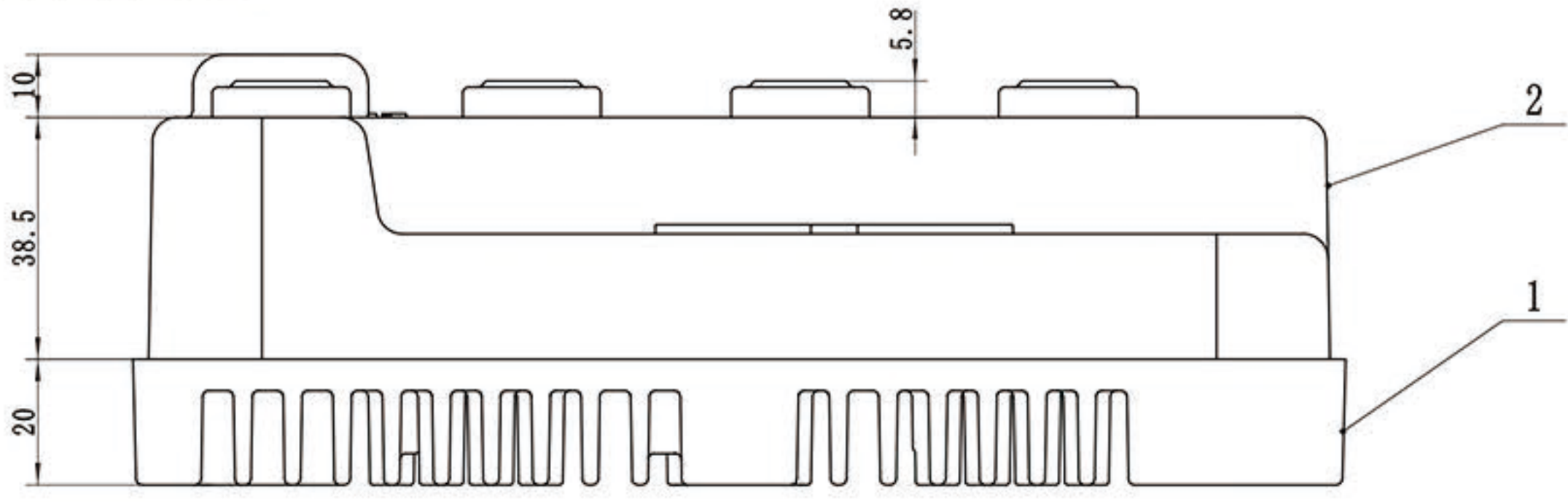


尺寸以2D为准, 未注尺寸参考3D图纸。
 有害物质管控标准 N/A HB 2H 3H 4H 5H 6H 7H 8H 9H 10H
 YP/PZ-02-10-005

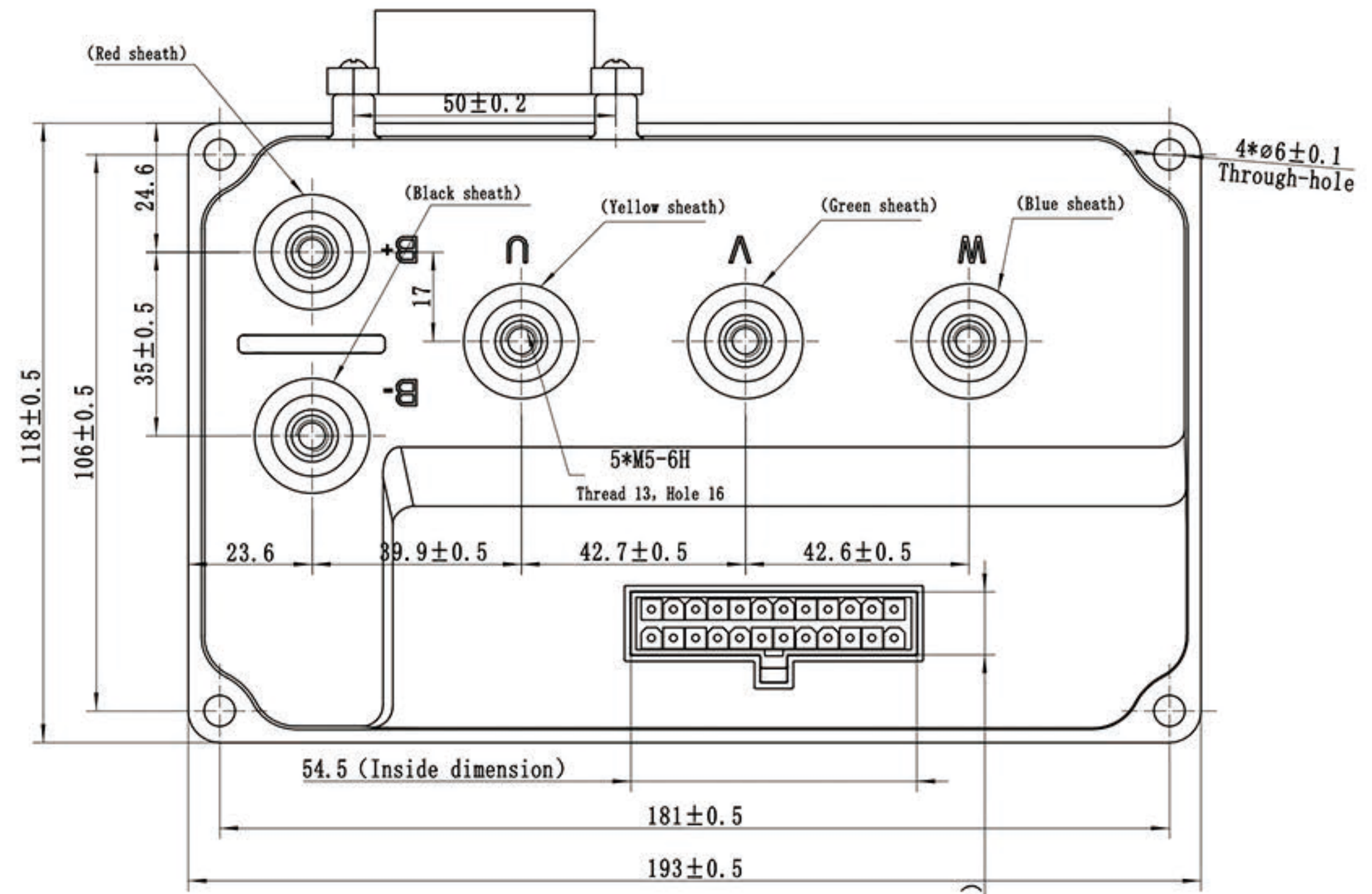


Technical Requirements

- 1.No flaking, burr, scratch and other defects that damage the surface of parts
- 2.Material:Top cover is PBT, aluminum case is ADC12;
- 3.Five pressing screws (hex cross groove three assembly M5*10) for separate installation;
- 4.The barcode number must be the same as the marking number;

Electric parameters:

- 1.Rated voltage:48V (DC);
- 2.Bus current: 25±3A;
- 3.output voltage: 14.5±0.5V (DC); 5.0±0.2V (DC); 3.3±0.1V
- 4.Under-voltage value: <39±1V;
- 5.Over-voltage value: >58±2V;
- 6.Overheating protection: 85±3℃
- 7.Input to case withstand voltage: 1250V/lmin, leak current≤5mA;
- 8.IP level: IP65 (Below the potting);
- 9.Reference standard: GB/T18488.1-2015Driving motor system for electric vehicles Part 1 - Technical conditions (part)
- 10.Comply with environmental protection and hazardous substance standards;



HX42002-24AWhite

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

No.	Name	No.	Name
1	15V	13	PWR
2	BUZ+	14	Forward
3	BUZ-	15	Backward
4	5V+	16	Brake
5	Accelerator IN	17	Seat
6	GND	18	Reserved
7	PTO	19	GND
8	TX	20	HA
9	RX	21	HB
10	Hall+	22	HC
11	3.3V	23	TCK
12	GND	24	TMS

13	1100300057	Cross pan head self tapping nail	2	M3*10_GB845	
12	1100300056	Cross pan head self tapping nail	6	M3*14_GB845	
11	1100100168	Screw (HB)	8	M3*6 (White Zinc)	
10		Buzzer	1		
9	6040100148	Circuit board assy 1	1	YPK1006.241	
8	1160010072	Waterproof rubber cover (blue)	1	YPK1002.29	
7	1160010071	Waterproof rubber cover (green)	1	YPK1002.28	
6	1160010070	Waterproof rubber cover (yellow)	1	YPK1002.27	
5	1160010067	Waterproof rubber cover (black)	1	YPK1002.23	
4	1160010069	Waterproof rubber cover (red)	1	YPK1002.26	
3	1070600354	Copper pillar	1	YPK1006.022D	
2	1230100022	Top cover	1	YPK1006.011	
1	1070600353	foundation	1	YPK1006.021	
No.	Part number	Name	Qty	Specification	Note

重庆瑜欣平瑞
 电子股份有限公司

材料 表面 处理

版本	处数	更改记录	更改文件号	签字	日期	控制器总成	客户图纸
设计	李均令	2021.04.20	工艺			图样标记 重量 比例 1:1	版本
校对	王少忠	2021.04.20	标准化	SAB		YPK1006.000	图号
审核	汤大虎	2021.04.20	批准	孙黎明	2021.04.20	图幅 A2 第1页 共1页	5050501002