

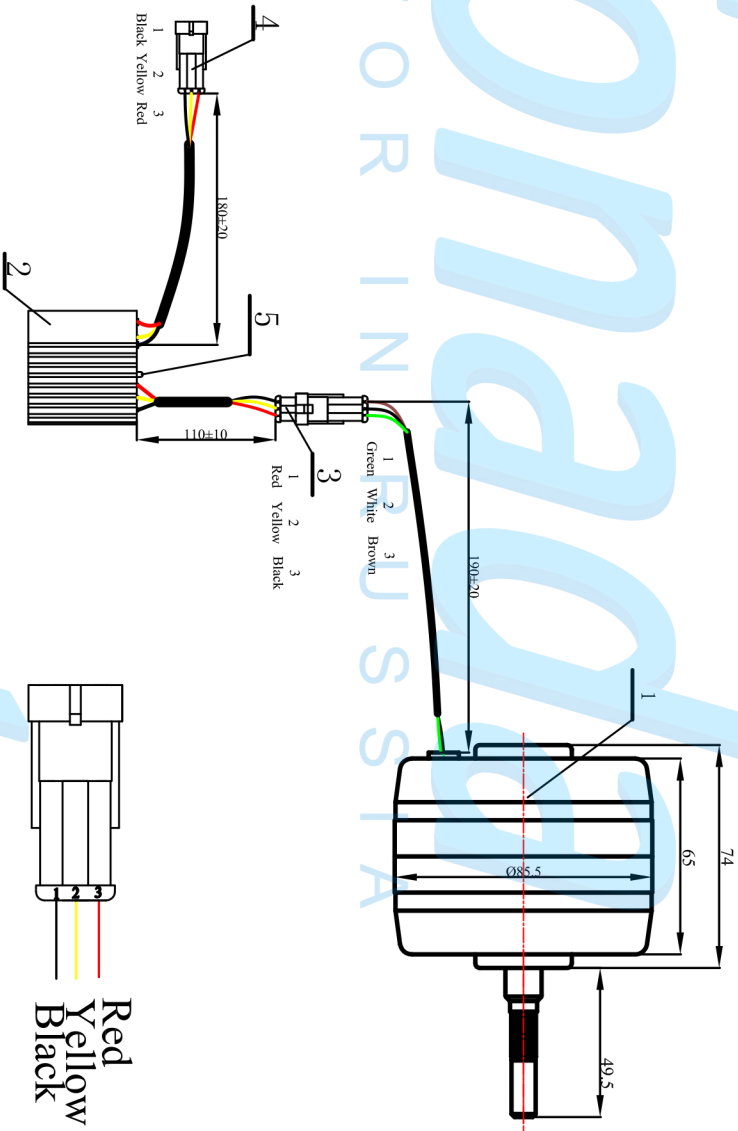
Name: Brushless Centrifugal Blowers
 Model: HCM-01 (P/N: 05-24-01)
 Supplier: Chongqing Tonada Technology Co., Ltd.

Specification:

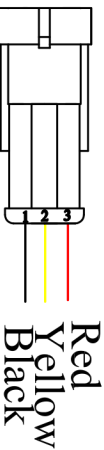
- 1.0 Specific Application: Bus Air Conditioning System.
- 2.0 Type: Brushless DC Motor, Permanent Magnet.
- 3.0 Protection:
 - 3.1 Motor Insulation: Class F.
 - 3.2 Degrees of Protection: IP20
- 4.0 Material:
 - 4.1 Motor Frame and End Cover: ZL104 Aluminum Alloy.
 - 4.2 Motor Shaft: 40Cr Steel.
 - 4.3 Motor Bearing: NSK
 - 4.4 Motor Fixing Ring: PA66+GF30.
 - 4.5 Flammability: UL94 V0.
- 5.0 Environment:
 - 5.1 Operating Temperature: -40~85°C.
 - 5.2 Humidity: 0~95%.
 - 5.3 Operating Life: 25,000 Hours Minimum.
 - 5.4 Vibration: 20ms, 5G
 - 5.5 Axial movement: 0.5mm Maximum
- 6.0 Electrical Characteristics:
 - 6.1 Rated Voltage: +26V DC.
 - 6.2 Voltage Range: +18~-32V DC.
 - 7.0 Weight: Approx: 1.7kg.

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BLDC Centrifugal Blowers Performance parameters		
Test voltage: 26V		
Static Pressure (Pa)	Speed (RPM)	Current Input (A)
0	3470	2.0



1 Speed Version	Pin 1 (Black): GND
Variable Speed Version	Pin 2 (Yellow): No connection
	Pin 3 (Red): Supply (+26V DC)
	Pin 1 (Black): GND
	Pin 2 (Yellow): Control Voltage (0~-26V DC)
	Pin 3 (Red): Supply (+26V DC)



No.	P/N	Description	Quantity	P/N	Specification	Unit	Process	Design	Subarea	Change No.	Sign	Date	Part no.	Weight (kg)	Scale
5	12070000001	LED (Tower Indicator)	1	Ø5 Green			Mark					2014-04-15	HCM-01 BLDC Axial Blowers (Ref: 5300069/3050071)		
4	14030000002	WaterProof Plug	1				Design	Zhiwei					05-24-01	1.7	1:1
3	14030000001	WaterProof Plug	1	Ø3, 24, 07 (Ref: HISP 3200662&3200697)			Check	Tian					Total Page No.1 Page		
2	12020000010	BLDC Controller	1	05-24-01 (Ref: HISP 5300068&3050071)			Author	Zhang Chi					Chongqing Tonada Technology Co., Ltd.		
1	13020000009	BLDC Motor	1										Tonada		

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