



深圳腾凯特种机电有限公司
SHENZHEN TENKAI GROUP LIMITED

SPECIFICATION FOR APPROVAL

规格承认书

To: 2104091531

产品型号 Par No. : BLDC

类别 Category: ☒ Motor ☐ Blower ☐ Centrifugal

认证 Certification: ☒ CE ☒ ROHS ☐ UL ☐ TUV

编号 Spec No.: BLDC-A-52 版次 Version: 01

样品数 Quantity: 1 PCS 日期 Date: 2026-06-15

Company Stamp	CUSTOMER APPROVAL Stamp
	
制作: 毛晋飞	承认:
复核: 刘良军	核准:
核准:	日期:

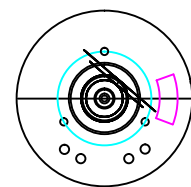
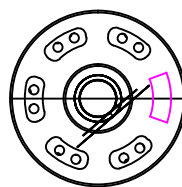
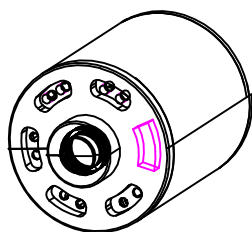
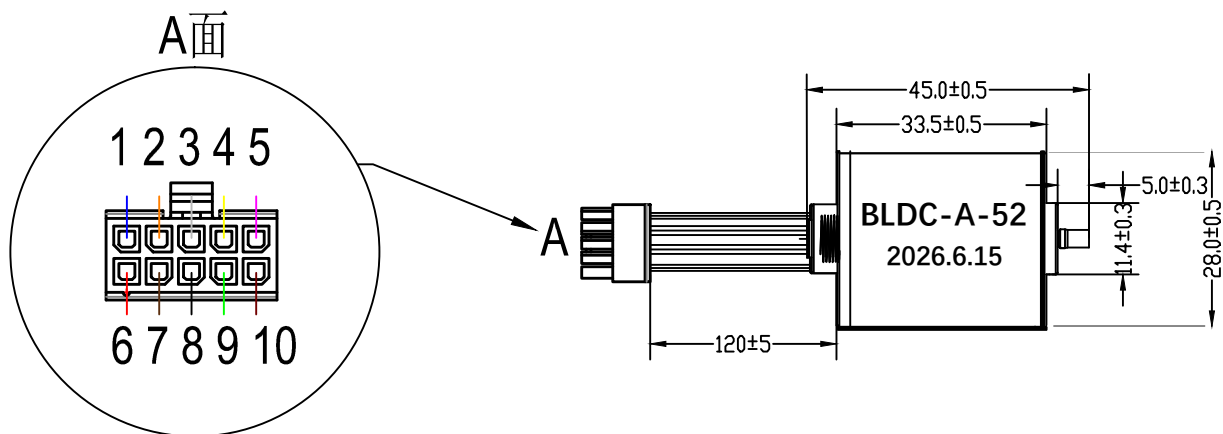
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C 栋 5 楼



UNIT: $\frac{\text{mm}}{\text{INCH}}$

LEAD WIRE

UL1332#24AWG OR EQUIVALENT

PIN1: BLUE WIRE---(V)

PIN2: ORANGE WIRE---(U)

PIN3: GRAY WIRE---(W)

PIN4: YELLOW WIRE---(NTC)

PIN5: PURPLE WIRE---(NTC)

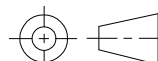
PIN6: RED WIRE---(5VO)

PIN7: BROWM WIRE---(HW)

PIN8: WHITE WIRE---(HU)

PIN9: silvery wire--(HV)

PIN10: BLACK WIRE---(COM)

Mark 记号	REASON 变更原因	PROJECTION 		单位 UNIT		深圳市腾凯特种机电有限公司						SHEN ZHEN	
				比例 SCALE		mm		TENKAI GROUP LIMITED					
		公差 TOL	LINEAR		.X .XX	ANGULAR	型号 Model NO.		BLDC电机		图号 Drawing NO. BLDC-52		
			(0,50]	±0.10	±0.05	X. ±0.5°	制图 Drawing	毛晋飞	日期 Date	2026.06.15	描述 Description		
			(50,100]	±0.20	±0.10	X.X ±0.1°	检查 Check	刘良军	日期 Date	2026.06.15	材质 Material	页数 Page	1/1
		It is prohibited to duplicate this document without explicit authorization or to hand it over to others for use.					批准 Approved		日期 Date		表面 Finish	版次 Rev	A0

規格參數

SPECIFICATION

Model 型号:			
Item 项目	Unit 单位	Specification 參數	Condition 條件
Dimension 尺寸	Mm 毫米	Φ 28X45	LxWxThickness 长宽高
Motor Type 电机类型		3 相 6 槽 2 极	----
Rated Voltage 额定电压	VDC	24	----
Operating Voltage Range 操作电压范围	VDC	18~26.5	At 25℃
Start-up Voltage 启动电压	VDC	≤18	At 25℃
Rated Current 额定电流	Amp 安培	0.24±5%	At Rated 在额定电压下
Rated Power 额定功耗	Watt 瓦特	5.76	At Rated 在额定电压下
Rated Speed 额定转速	RPM 圈/分钟	110000±5%	AT Rated Voltage 30℃
Coil Resistance 线圈阻抗	Ω	0.83 Ω ± 10%	1v@10khz@between 2 phase 在 1V@10kHz@ 两相之 间
Coil Inductance 线圈感抗	uH	140uH ± 10%	1v@10khz@between 2 phase 在 1V@10kHz@ 两相之 间
Connection Lead Type 连接方式	Lead Wire 导线型号	120mm 1332#24AWG	See Page 2 见图纸
	Connector 端子	MX3.0-8P	YSee Page 2 见图纸
Net Weight 净重	g 克	85.5g	1PCS
Remark 备注	以上数据由我司驱动测试		

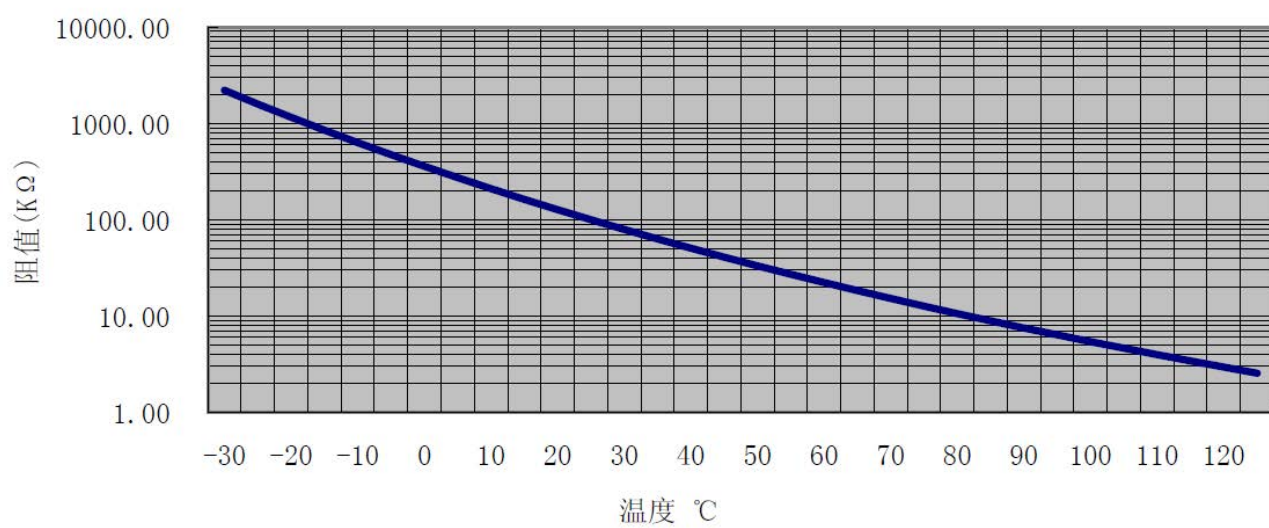
NP12P00104.JBB 4150K R-T对照表

片式 NTC 热敏电阻器温度阻值对照表							
R-T CONVERSION TABLE							
R25=100K $\Omega \pm 5\%$				B25/50=4150K $\pm 3\%$			
T/°C	Rmin	Rcen	Rmax	T/°C	Rmin	Rcen	Rmax
-40	03417	04019	04714	0	308.0	336.2	366.1
-39	03186	03738	04375	1	292.6	318.9	346.7
-38	02971	03479	04064	2	278.1	302.7	328.5
-37	02773	03240	03777	3	264.5	287.3	311.4
-36	02590	03020	03512	4	251.5	272.9	295.3
-35	02420	02816	03268	5	239.3	259.2	280.1
-34	02263	02627	03043	6	227.8	246.4	265.8
-33	02117	02452	02835	7	216.9	234.3	252.3
-32	01981	02291	02642	8	206.6	222.8	239.6
-31	01855	02141	02464	9	196.9	212.0	227.6
-30	01738	02002	02300	10	187.7	201.7	216.3
-29	01630	01873	02148	11	178.9	192.1	205.7
-28	01529	01754	02006	12	170.7	182.9	195.6
-27	01435	01642	01876	13	162.8	174.3	186.1
-26	01347	01539	01754	14	155.4	166.1	177.1
-26	01347	01539	01754	14	155.4	166.1	177.1
-25	01265	01443	01642	15	148.4	158.4	168.6
-24	01189	01354	01537	16	141.7	151.0	160.6
-23	01119	01271	01440	17	135.4	144.1	153.0
-22	01052	01193	01350	18	129.4	137.5	145.8
-21	990.6	01121	01266	19	123.7	131.3	139.0
-20	932.9	01054	01188	20	118.3	125.4	132.5
-19	878.9	991.1	01115	21	113.1	119.7	126.4
-18	828.5	932.5	01047	22	108.3	114.4	120.6
-17	781.3	877.8	983.8	23	103.6	109.4	115.1
-16	737.2	826.7	924.9	24	99.20	104.6	109.9
-15	695.8	779.0	869.9	25	95.00	100.0	105.0
-14	657.1	734.3	818.6	26	90.76	95.67	100.6
-13	620.8	692.5	770.6	27	86.74	91.55	96.38
-12	586.8	653.4	725.8	28	82.93	87.64	92.38
-11	554.8	616.8	684.0	29	79.30	83.91	88.57
-10	524.8	582.5	644.8	30	75.85	80.37	84.95
-9	496.7	550.3	608.1	31	72.58	77.00	81.49
-8	470.3	520.1	573.8	32	69.47	73.79	78.19
-7	445.4	491.8	541.7	33	66.51	70.74	75.05
-6	422.0	465.2	511.5	34	63.69	67.83	72.05
-5	400.1	440.3	483.3	35	61.01	65.06	69.19
-4	379.4	416.8	456.8	36	58.46	62.41	66.47
-3	359.9	394.8	431.9	37	56.03	59.89	63.86
-2	341.6	374.0	408.6	38	53.72	57.49	61.38
-1	324.3	354.6	386.7	39	51.51	55.20	59.00

R—T CONVERSION TABLE

R ₂₅ =100K $\Omega \pm 5\%$				B _{25/50} =4150K $\pm 3\%$			
T/°C	R _{min}	R _{cen}	R _{max}	T/°C	R _{min}	R _{cen}	R _{max}
40	49.41	53.01	56.74	83	10.29	11.56	12.95
41	47.41	50.93	54.57	84	9.971	11.21	12.57
42	45.50	48.94	52.50	85	9.658	10.87	12.20
43	43.68	47.03	50.52	86	9.358	10.54	11.84
44	41.95	45.22	48.62	87	9.068	10.22	11.49
45	40.29	43.48	46.81	88	8.789	9.915	11.16
46	38.71	41.82	45.08	89	8.519	9.620	10.84
47	37.19	40.24	43.42	90	8.260	9.336	10.53
48	35.75	38.72	41.83	91	8.010	9.061	10.22
49	34.37	37.27	40.31	92	7.768	8.796	9.934
50	33.06	35.88	38.85	93	7.536	8.540	9.654
51	31.80	34.55	37.46	94	7.311	8.292	9.382
52	30.59	33.28	36.12	95	7.094	8.054	9.120
53	29.44	32.07	34.84	96	6.885	7.823	8.867
54	28.34	30.90	33.61	97	6.683	7.600	8.621
55	27.29	29.78	32.43	98	6.488	7.385	8.384
56	26.28	28.71	31.30	99	6.300	7.176	8.155
57	25.31	27.69	30.22	100	6.118	6.975	7.933
58	24.39	26.71	29.18	101	5.942	6.781	7.718
59	23.50	25.77	28.18	102	5.772	6.592	7.510
60	22.65	24.86	27.22	103	5.608	6.410	7.309
61	21.84	23.99	26.30	104	5.450	6.234	7.114
62	21.06	23.16	25.41	105	5.296	6.064	6.926
63	20.31	22.37	24.56	106	5.148	5.899	6.743
64	19.60	21.60	23.75	107	5.005	5.740	6.566
65	18.91	20.86	22.96	108	4.866	5.586	6.395
66	18.25	20.16	22.21	109	4.732	5.436	6.229
67	17.62	19.48	21.48	110	4.603	5.291	6.068
68	17.01	18.83	20.78	111	4.477	5.151	5.912
69	16.43	18.20	20.11	112	4.356	5.016	5.761
70	15.87	17.60	19.47	113	4.238	4.884	5.615
71	15.33	17.02	18.85	114	4.124	4.757	5.472
72	14.82	16.46	18.25	115	4.014	4.633	5.335
73	14.32	15.93	17.67	116	3.908	4.514	5.201
74	13.84	15.41	17.12	117	3.804	4.398	5.071
75	13.38	14.92	16.58	118	3.704	4.285	4.946
76	12.94	14.44	16.07	119	3.607	4.177	4.824
77	12.52	13.98	15.57	120	3.513	4.071	4.705
78	12.11	13.54	15.09	121	3.422	3.968	4.590
79	11.72	13.11	14.63	122	3.334	3.869	4.479
80	11.34	12.70	14.19	123	3.248	3.773	4.371
81	10.98	12.31	13.76	124	3.165	3.679	4.265
82	10.63	11.93	13.35	125	3.085	3.588	4.163

CMFA104J4150HANT



实物图

The pictures

