*注意事項:

55",65" 素材, 噴漆之色差檢驗標準請比照 PHILIPS No.: 80007

RD 已確認,如 mail 說明



蘇州佳世達 DQ9

承 認 書



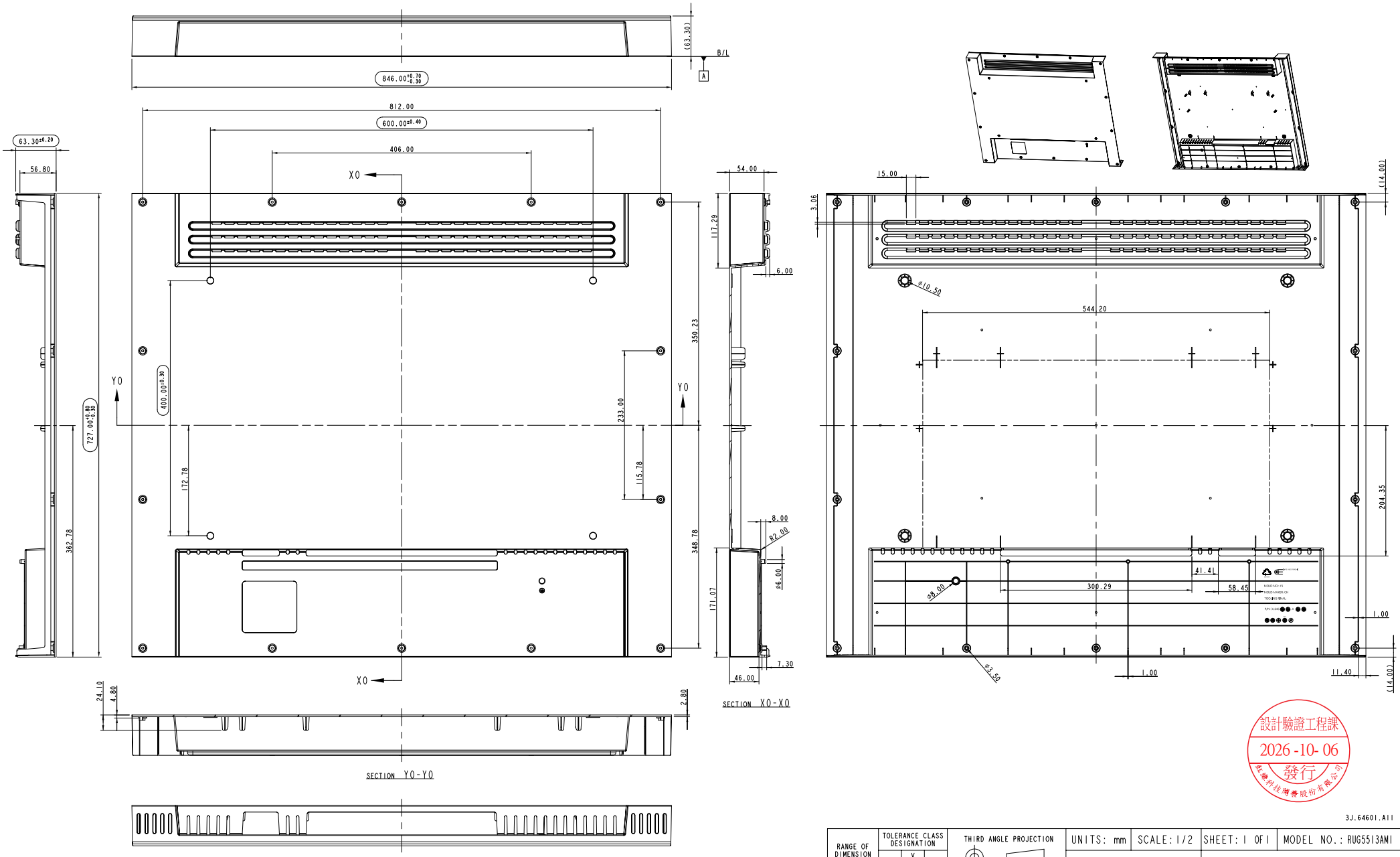
客戶 : DIVA
料號 : 3MD664P1010 (M3493)
品名 : REAR COVER (M) (RUG5513AMI,BLACK)

QISDA 料號: 3J.64601.A11
QISDA 品名: RC MIDDLE RUG5513AMI

版本: 0
日期 : 2026.09.30

(本封面非供應商文件)

REV.	DATE	DESCRIPTION	BY	APVD
A	2024-10-09	UPDATE COLOR CHIP DESCRIPTION	Ferris	Laslie



設計驗證工程課
2026-10-06
發行
鈺德科技開發股份有限公司

3J.64601.A11

NOTES:
1. MATERIAL: Bayblend FR3010 HF (PC+ABS), UL 94V-0.
2. STANDARD PLASTIC FINISHES: MT 11010.
3. THICKNESS: 2.80 mm.
4. RESIN COLOR: DEEP BLACK (PH 180007).
5. PAINTING COLOR: DEEP BLACK (PH 180007).
6. QISDA PAINTING COLOR CHIP NO.: PH 180007 (PLASTIC).
7. ALLOWABLE WARP: ≤ 0.8 mm.
8. WEIGHT: 2478g (PAINTED) (REFERENCE).
9. RoHS COMPLIANT.
10. IQC INSPECTION DOCUMENT: QWI-020 (PLASTIC).

RANGE OF DIMENSION	TOLERANCE CLASS DESIGNATION f	V m	c
UP TO 30	±0.10	±0.20	±0.50
ABOVE 30-120	±0.15	±0.30	±0.80
ABOVE 120-315	±0.20	±0.50	±1.20
ABOVE 315-1000	±0.30	±0.80	±2.00
ANGLE ±1° (±1.75/100)			

THIRD ANGLE PROJECTION

DSGD by	Ferris Tsai	2024-10-09
CHK by		
APVD by	Laslie Chen	2024-10-09
APVD NO.: M3493	3D FILE NAME: 55_FLEXVISION_REAR_COVER_M.DL	

UNITS: mm | SCALE: 1/2 | SHEET: 1 OF 1 | MODEL NO.: RUG5513AM1

MATERIAL: PC+ABS, FR3010 | TREATMENT: PAINTING

PART NAME: REAR COVER (M)

PART NO.: 3MD664P1010 | REV. A

DNA Laboratories, Ltd.

Qisda

Dimension Approval Sheet

Model Name:	RUG5513AMI	**Sample Approval Sheet NO.:**	
Part Name:	COVER MIDDLE	**Material:**	PC+ABS
Part Number:	3J.64601.A11 **REV:** A0	**Color:**	BLACK
Vendor:	DQ9	**Date:**	2024.7.25

Inspection Gauge:

Coordinate Measuring Machine	(CMM)	Micro Scope	(M)	Radius Gauge	
Caliper	(C)	Height Gauge	(HG)	Block Gauge	
Micrometer	(M)	Projector	(P)	Visual	
Pin Gauge	(PG)	Thickness Gauge	(T)	Lever Type Dial Test	

Distribution

R&D	
QC	
Purchase	
Vendor	

Vendor Input | **Low** | **High**

If the Range is Greater Than 50% of the Total Tolerance the Cell will be RED

Item	Dim. Loc.	Gage Code	Cav. No	Spec.	Upper Tol	Lower Tol	Upper Limit	Lower Limit		Sample 1#	Sample 2#	Sample 3#	RD Check	Average	Status	Range	Disposition	Comments
1	A4	CMM	1	846	0.7	0.3	846.7	845.7		846.350	846.420	846.320	846.450	846.385	OK	0.052		
2	B4	CMM	2	812	0.8	0.8	812.8	811.2		811.489	811.601	811.589	811.690	811.59225	OK	0.071		
3	B4	CMM	3	600	0.4	0.4	600.4	599.6		599.705	599.808	599.785	600.120	599.8545	OK	0.158		
4	B4	CMM		406	0.5	0.5	406.5	405.5		405.615	405.693	405.712	405.780	405.7	OK	0.059		
5	B1	CMM		63.3	0.2	0.2	63.5	63.1		63.171	63.228	63.251	63.240	63.2225	OK	0.031		
6	B1	CMM		56.8	0.3	0.3	57.1	56.5		56.597	56.575	56.621	56.580	56.59325	OK	0.018		
7	D2	CMM		727	0.8	0.3	727.8	726.7		727.202	727.192	727.256	727.300	727.2375	OK	0.044		
8	D2	CMM		400	0.3	0.3	400.3	399.7		400.105	400.029	400.040	400.140	400.0785	OK	0.046		
9	E2	CMM		362.78	0.8	0.8	363.58	361.98		363.456	363.191	363.275	363.250	363.293	OK	0.099		
10	E2	CMM		172.78	0.5	0.5	173.28	172.28		173.151	172.680	172.320	172.860	172.75275	OK	0.301		
11	F2	CMM		24.1	0.2	0.2	24.3	23.9		24.210	24.123	24.154	24.140	24.15675	OK	0.033		
12	F2	CMM		4.8	0.2	0.2	5	4.6		4.771	4.805	4.761	4.752	4.77225	OK	0.020		
13	A7	CMM		63.3	0.3	0.3	63.6	63		63.228	63.247	63.205	63.160	63.21	OK	0.032		
14	C7	CMM		54	0.3	0.3	54.3	53.7		53.867	53.845	53.885	53.840	53.85925	OK	0.018		
15	C7	CMM		117.29	0.3	0.3	117.59	116.99		117.390	117.146	117.150	117.050	117.184	OK	0.125		
16	C7	CMM		6	0.2	0.2	6.2	5.8		6.021	6.040	6.035	6.080	6.044	OK	0.022		
17	D6	CMM		233	0.5	0.5	233.5	232.5		232.866	232.895	232.925	232.860	232.8865	OK	0.026		
18	D6	CMM		115.78	0.3	0.3	116.08	115.48		115.962	115.920	115.825	115.870	115.89425	OK	0.052		
19	D6	CMM		350.23	0.8	0.8	351.03	349.43		350.061	349.714	349.852	350.160	349.94675	OK	0.174		
20	D6	CMM		348.78	0.8	0.8	349.58	347.98		349.539	349.253	349.294	349.120	349.3015	OK	0.151		
21	E7	CMM		171.07	0.5	0.5	171.57	170.57		171.015	170.876	171.002	171.240	171.03325	OK	0.131		
22	E7	CMM		8	0.2	0.2	8.2	7.8		8.030	8.030	8.020	8.060	8.035	OK	0.015		
23	E7	CMM		2	0.2	0.2	2.2	1.8		2.012	1.968	1.984	1.980	1.98605	OK	0.016		
24	E7	CMM		6	0.2	0.2	6.2	5.8		5.980	6.010	6.020	6.140	6.0375	OK	0.061		
25	E7	CMM		46	0.2	0.2	46.2	45.8		46.180	46.010	46.060	46.060	46.0775	OK	0.063		
26	E7	CMM		7.3	0.2	0.2	7.5	7.1		7.300	7.290	7.300	7.360	7.3125	OK	0.028		
27	B8	CMM		15	0.2	0.2	15.2	14.8		15.168	15.181	15.156	15.080	15.14625	OK	0.039		
28	B8	CMM		3.06	0.2	0.2	3.26	2.86		3.107	3.099	3.098	3.042	3.0865	OK	0.026		
29	C8	CMM		10.5	0.2	0.2	10.7	10.3		10.359	10.465	10.426	10.350	10.4	OK	0.048		
30	B12	CMM		14	0.2	0.2	14.2	13.8		14.106	14.088	14.095	14.025	14.0785	OK	0.032		
31	C10	CMM		544.2	0.8	0.8	545	543.4		543.872	543.962	543.901	544.090	543.95625	OK	0.084		
32	E12	CMM		204.35	0.3	0.3	204.65	204.05		204.451	204.555	204.483	204.560	204.51225	OK	0.047		
33	F9	CMM		8	0.2	0.2	8.2	7.8		7.900	7.901	7.923	8.010	7.9335	OK	0.045		
34	F9	CMM		3.5	0.2	0.2	3.7	3.3		3.470	3.450	3.550	3.460	3.4825	OK	0.040		
35	F10	CMM		300.29	0.5	0.5	300.79	299.79		299.983	299.967	299.968	300.250	300.042	OK	0.120		
36	F10	CMM		1	0.2	0.2	1.2	0.8		0.950	0.960	0.920	1.020	0.9625	OK	0.036		
37	F11	CMM		41.41	0.3	0.3	41.71	41.11		41.536	41.600	41.612	41.530	41.5695	OK	0.037		
38	F11	CMM		58.45	0.3	0.3	58.75	58.15		58.399	58.406	58.425	58.560	58.4475	OK	0.066		
39	F12	CMM		1	0.2	0.2	1.2	0.8		0.960	0.980	1.010	1.040	0.9975	OK	0.030		
40	F12	CMM		11.4	0.2	0.2	11.6	11.2		11.440	11.350	11.370	11.560	11.43	OK	0.082		
41	F12	CMM		14	0.2	0.2	14.2	13.8		14.097	14.042	14.026	14.150	14.078625	OK	0.049		
42																		

Initiator:Guofeng Zhang Reviewed by :Carlos Q Chen Approve by: DIVA/Ferris Tsai 2024 0806

苏州佳世达精密工业有限公司

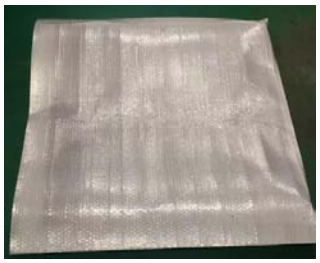
包 装 规 范

PACKAGING SPECIFICATION

客户	Qisda	制程	涂装	文件编号		版本	A0
材质	PC/ABS	模号	CH23080/QP-989	穴数	1	部门	工程
包装数量		4PCS		工位名称	包装站	页码	1/1

包装图示步骤









机种	客户料号	DQ9料号	品名
RUG5513AMI	3J.64601.A11	3P.18843.A12	RC MIDDLE RUG5513AMI 中盖

作业步骤:

1. 先将纸箱用透明胶带封底，封两次要封牢，
2. 在箱子底部放1pcs隔板A;
3. 将加工OK后的产品装入气泡袋内，1袋装1pcs，将包装袋多余部分折向公模面;
4. 将包装好的产品垂直放入纸箱内，产品母模相对放入纸箱，产品公模面之间放1pcs隔板B;
5. 装满一箱后再最上层放1pcs隔板A; 箱子口用胶带封口。
6. 装满后用透明胶带将制品票贴覆于纸箱短侧面右上角处(制品票上、下都须用胶带粘贴).每装完一箱贴一张制品票;

项目	序	材料名称	材料规格	材质	用量	注意事项
包装材料	1	纸箱	VS.4D109.001	瓦楞	1/4	1.纸箱请勿倒立.
	2	隔板A	VS.4D109.002	瓦楞	2/4	2.纸箱请勿淋雨，暴晒.
	3	隔板B	VS.4D109.003	瓦楞	2/4	3.在贴标签时，请将旧标签撕掉.
	4	气泡袋	VS.4B112.001	PP	4/4	4.请将标签贴至相应位置.
						5.包规中所有使用的包材符合HSF.
替代包装材料						6..除此外不可使用其它辅材,防止有害物质污染产品.

版本	修改人	变更内容	变更日期	版	修改人	变更内容	变更日期

修订日期	2024/1/11	制作		批 准		核 准	

Tooling Trial Shoot Report

Date: 2024/7/25 Rev:1.0 Page:1 of 1

Model	RUG5513AMI	**Tooling (Styling)**	
Part No	3J.64601.A11	**Part Name**	RC MIDDLE
Sequence No	CH23080/QP-989	**Cavity**	1
Mold Maker	进宏	**Molder**	DQ9

Mold Specification

Mold Dimension (W/O Package)				**Mold Dimension(W Package)**			
L (cm)	**W(cm)**	**H(cm)**	**Weight(Kg)**	**L (cm)**	**W(cm)**	**H(cm)**	**Weight(Kg)**

Shrinkage	**Texture**	**Ringbolt (mm)**	**Locator (mm)**	**Cavity Side Material**	**Core Side Material**	**Slider Material**

Molding Condition

Molding Machine	**1700 T**

Material	**PC/ABS FR3010 HF 901510**		**Weight**	**产品重量 2555 g，料头重量 g**	
Temperature	**Nozzle**	**Front**	**Middle**	**Rear**	
	260	**260**	**250**	**235**	
Pressure	**1st Pressure**	**2nd Pressure**	**3rd Pressure**	**4th Pressure**	**5th Pressure**
	190				
Velocity	**1st Velocity**	**2nd Velocity**	**3rd Velocity**	**4th Velocity**	**5th Velocity**
	30	**50**	**65**	**85**	**75**
Position	**1st Position**	**2nd Position**	**3rd Position**	**4th Position**	**5th Position**
	264	**255**	**240**	**200**	**65**
Holding Pressure & Velocity	**1st H/Pressure**	**2nd H/Pressure**		**1st H/Velocity**	**2nd H/Velocity**
	30	**40**		**1.5**	**2.5**
Time	**Cycle Time**	**Injection**	**Cooling**	**Others**	
	160	**3.5**	**80**	**76.5**	
Molder:		**Tooling Engineer:**		**Approved By: Jinbing JB Wang**	

Qisda 模具保管登记卡

使用机种	RUG5513AMI	产品料号	3J.64601.A11
产品名称	中盖	设计寿命	30W 次
模具制造商	进宏	模具钢号	CH23080-QP989
资产编号		模具重量(T)	
	2023/11/8		保管单位公章
成型厂商	苏州佳世达精密有限公司		
地　　址	苏州市高新区珠江路 169 号		
负 责 人	申建军		



说明：1. 兹委由贵公司保管前列物品，妥善保养，若有损坏、损失，贵公司应负责该物品价值之全数赔偿责任。
2. 如本公司需要时，愿无条件随时取回。
3. 不得以此模具制造成品出售其他厂商。
4. 除非获得本公司同意，不得将模具之计划，蓝图及规范泄漏给第三者。
5. 财产标签按规定挂置，不得销毁、遗失。

苏州佳世达电通信息技术有限公司
苏州佳世达光电信息技术有限公司

AP_GP BOM Report

Qisda P/N	3J.64601.A11
Qisda Item description	RC MIDDLE RUG5513AMI
Maker	Qisda Molding Factory
Maker P/N	3J.64601.A11
Create date	2024/10/09

Component type	Description	Supplier	Subpart type	Subpart Description	Subpart Supplier	Sample Description	Remark	Report No.	Test Date	Cd	Pb	Hg	Cr6+	PBBs/PBDEs	Br	Cl	Br+Cl	DIBP	DEHP	BBP	DBP	F	I	Exemptions
Ink/Paint/Pigment	水性涂料（银/红/蓝/黑/白/灰/等....）	苏州市利得威电子科技有限公司	Ink/Paint	水性涂料（银/红/蓝/黑/白/灰/等....）	苏州市利得威电子科技有限公司	混测,红色,蓝色,黑色,白色,灰色与银色液体		A2240206071101001C;A2230296530101001C	2024/04/18;2023/06/21	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	
Plastic Housing	FR3010HF 901510	航耀	Plastic Resin of Housing	FR3010HF 901510	航耀	黑色塑胶颗粒	航耀是Covestro(科思创)代理商	QHJ2403038802/CH;QHJ2403038801/CH	2024/04/10;2024/04/03	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	1570	N.D	
Summary data										N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	N.D	1570	N.D	