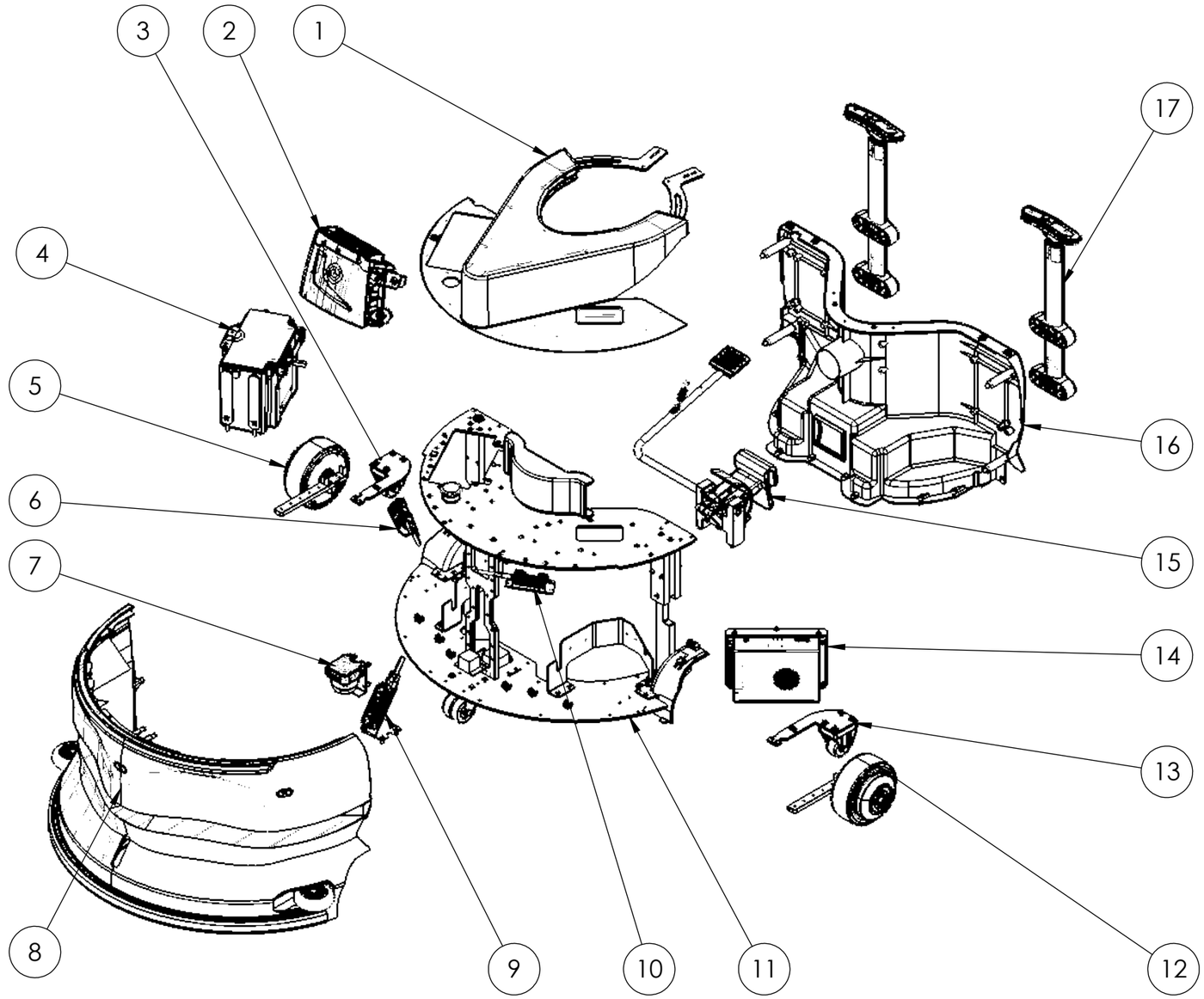
Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	S.136.0039.0	Upper cover	1
2	S.136.0061.2	Controller box	1
3		Support castor right	1
4	S.136.0046.2	Battery housing	1
5	S.136.0006.0	Drive wheel right	1
6		Camera upper right	1
7	S.136.0037.0	Lidar	1
8		Front cover	1
9		Camera lower	1
10		Camera upper left	1
11		Chassis	1
12		Drive wheel left	1
13		Support castor left	1
14	S.136.0035.0	ACU	1
15	S.136.0020.0	Lower hook	1
16	136.0049.2	Rear cover	1
17	136.0071.0	Trolley handle	2

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

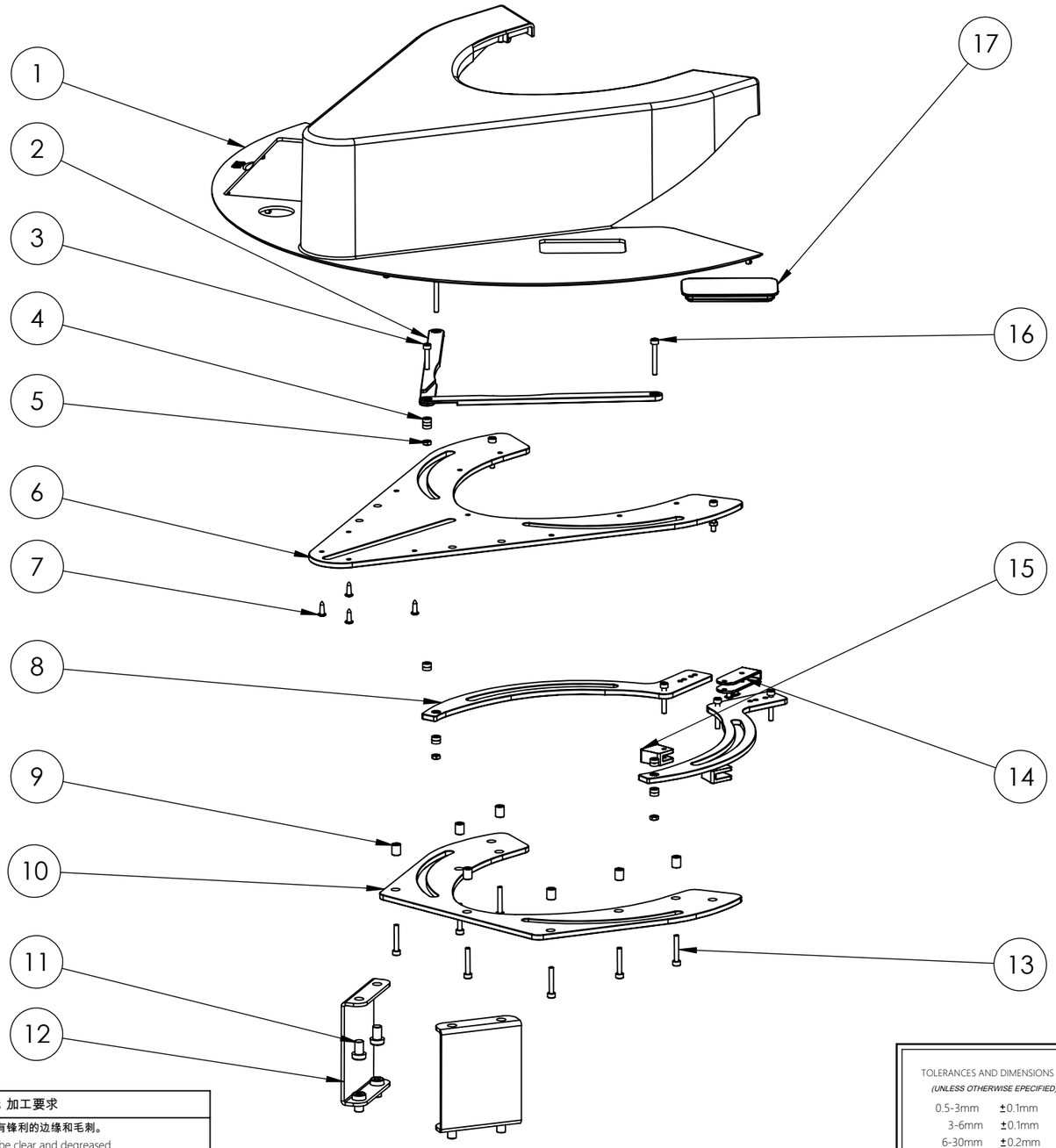
REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	136.0048.2	UPPER HOUSING	1
2	136.0043.0	LEVEL FOR FIXING	2
3	106.1111.12	M4X20 HEX-SOKECT BOTTON	1
4	136.0113.0	BEARING MR84ZZ 4X8X3	15
5	72.0261.0	NUT M4 NYLON STAINLESS	5
6	136.0039.0	FIX RING UPPER	1
7	136.0123.0	M4*10 PAN HEAD SELF-TAPPING	4
8	136.0041.0	FIX RING	2
9	136.0045.0	BUSH 4x8x10	7
10	136.0040.0	FIX RING LOWER	1
11	108.0056.0	HEXAGON SOCKET HEAD STAINLESS M8X10	8
12	136.0044.0	BLOCK	2
13	136.0109.0	M4x25 SELF-TAPPING SCREW	7
14	136.0082.0	LOCKER	1
15	136.0116.0	Bumper for tank	2
16	103.0018.23	SCREW M4X30	5
17	136.0083.2	ACU COVER	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE ∅	±0.1mm

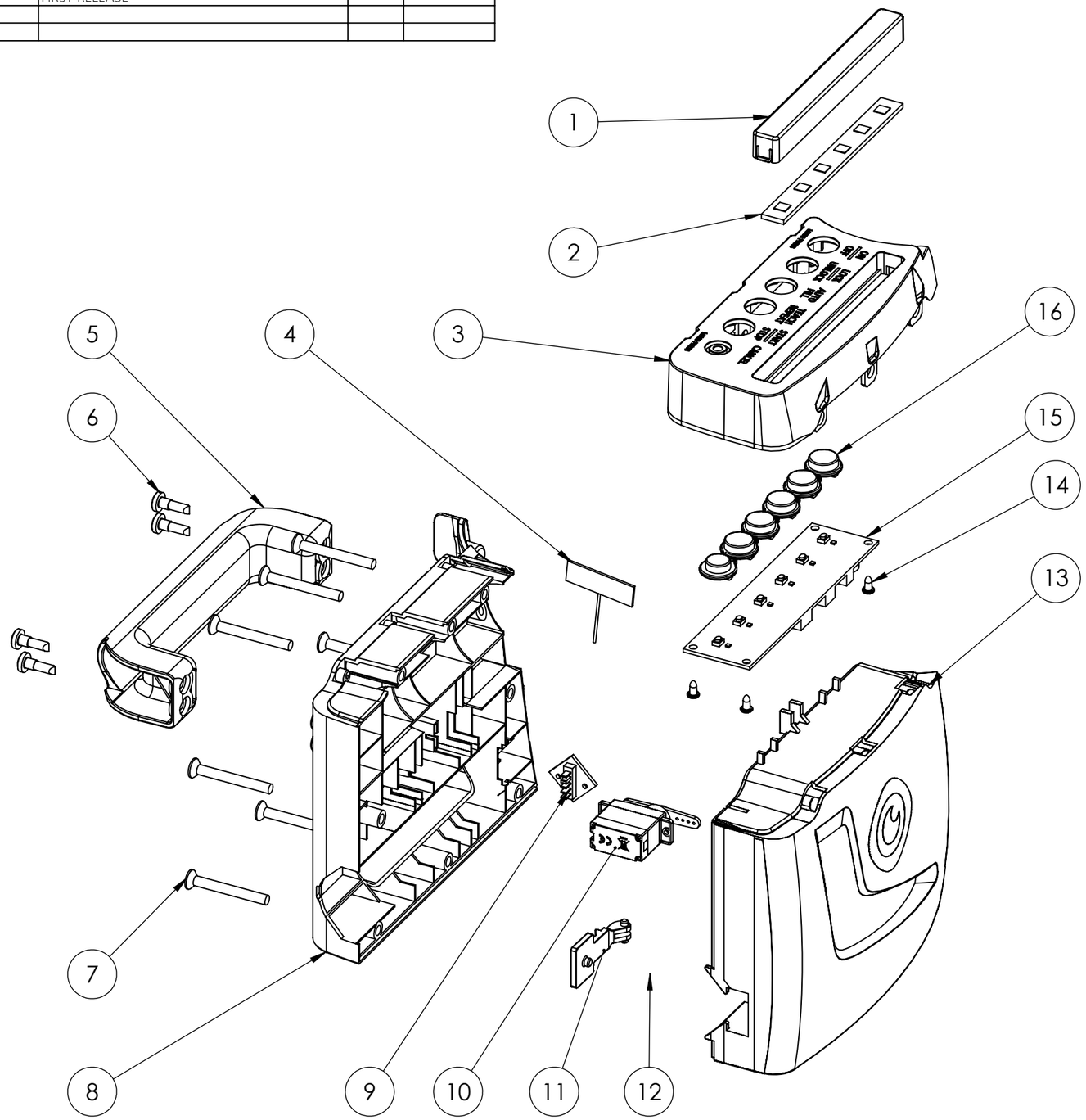
REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	136.0060.0	LIGHT COVER ON HANDLE	1
2	136.0072.0	LED ON CONTROLLER BOX	1
3	136.0059.2	TOP LID OF HANDLE COVER	1
4	136.0105.0	RCU Antenna	1
5	136.0065.2	HANDLE ON CONTROLLER	1
6	136.0123.0	M4*10 PAN HEAD SELF-TAPPING SCREW	4
7	136.0125.0	M4x35 HEX-SOKECT FLAHEAD SELF-TAPPIN	8
8	136.0062.2	FIX PLATE OF HANDLE	1
9	136.0081.0	BATTERY CONNECTOR	1
10	136.0078.0	SERVO	1
11	136.0063.8	LOCKER FOR BATTERY	1
12	119.0101.0	SPRING FOR PUSH BALL OF FRONT DOOR	1
13	136.0061.2	MAIN BODY OF HANDLE	1
14	106.1111.4	M3X6 PAN HEAD SELF-TAPPING SCREW	4
15	136.0067.0	CONTROL PARTS	1
16	136.0066.0	6 BUTTONS - S CONNECT	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

REMARK:

MATERIAL		
APPROVED	CHECKED	DESIGNED

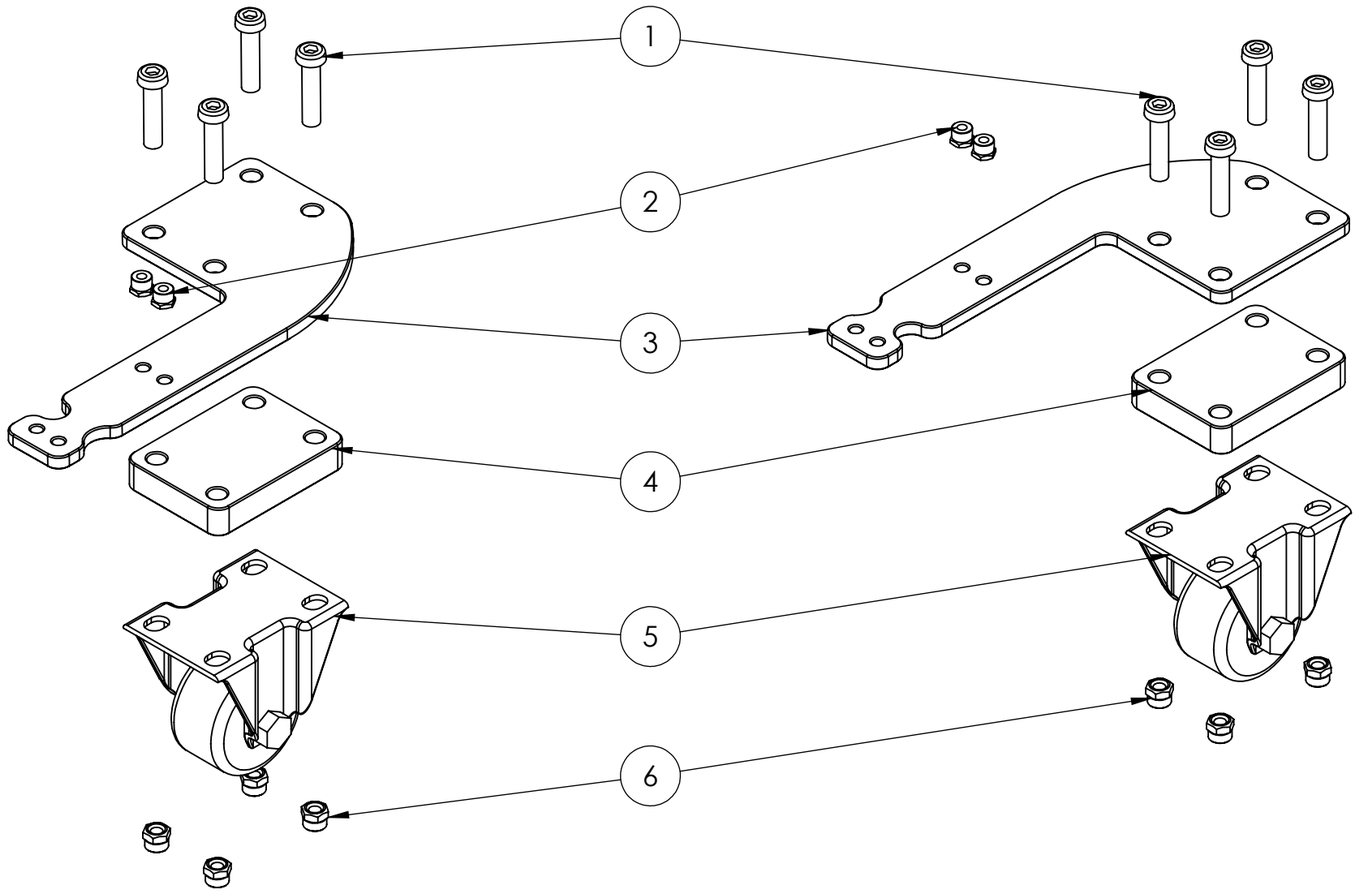
SHEET OF | DATE

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

REV.		PART NAME		
UNIT	MM	ITEM CODE		FRAME SIZE
SCALE		MASS		A3

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	67.0169.0	M5X25 STL SKT CAP_SS_SCREW_black_oxide	8
2	72.0261.0	NUT M4 NYLON STAINLESS	4
3	136.0011.0	AL PLATE FOR SUPPORT REAR WHEEL	2
4	136.0012.0	SPACER FOR SUPPORT REAR WHEEL	2
5	136.0010.0	SUPPORT WHEEL 1.5'	2
6	04.0048.0	NUT M5 NYLON STAINLESS	8

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE ∅	±0.1mm

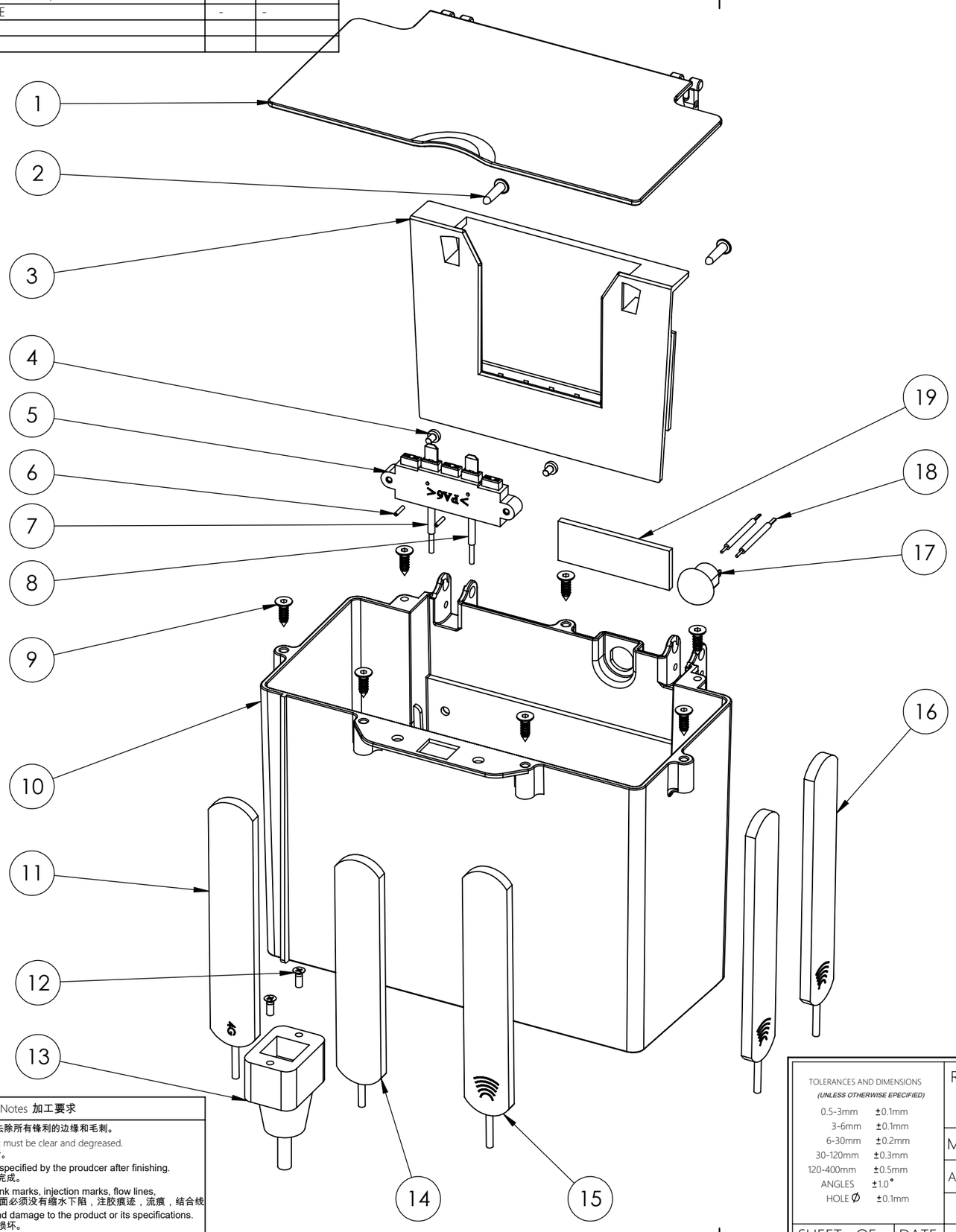
REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	136.0053.2	BATTERY LID	1
2	136.0123.0	M4X10 FLAT HEX-SOKECT BOTTON SCREW	2
3	105.0029.357A	SOCKET BASE C05 battery version, Kleur: Grey .357	1
4	72.0057.0	[MCH011-101-101] SCREW WN 5451 25X10 EJOT DELTA PT	2
5	72.0068.357	BATTERY CONNECTOR MALE Left:Blue | Right:Grey, Kleur: Grey .	1
6	85.0050.1A	ALIGNMENT PIN Ø1.5x8 STAINLESS STEEL	2
7	136.0107.0	FRD5.5-195 FEMALE CONNECTOR, 14AWG, 100MM RED	1
8	136.0108.0	FRD5.5-195 FEMALE CONNECTOR, 14AWG, 100MM BLACK	1
9	106.1111.24	M4*12 PAN HEAD SELF-TAPPING SCREW	7
10	136.0046.2	BATTERIES FRAME HOLDER	1
11	136.0102.0	CABLE WIFI ANTENNA	1
12	106.1111.22	M3X8 FLAT HEAD MACHINING SCREW	2
13	136.0100.0	EXTEND NETWORK CABLE	1
14	136.0103.0	CABLE BT ANTENNA	1
15	136.0104.0	LORA ANTENNA	1
16	136.0101.0	CABLE 4G ANTENNA	2
17	04.0009.3	PUSH SWITCH 2P YELLOW	1
18	136.0129.0	CONNECT WIRE AWG22	2
19	S.136.0092.1	REMOTE CONTROL RECEIVER	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

REMARK:

MATERIAL		
APPROVED	CHECKED	DESIGNED

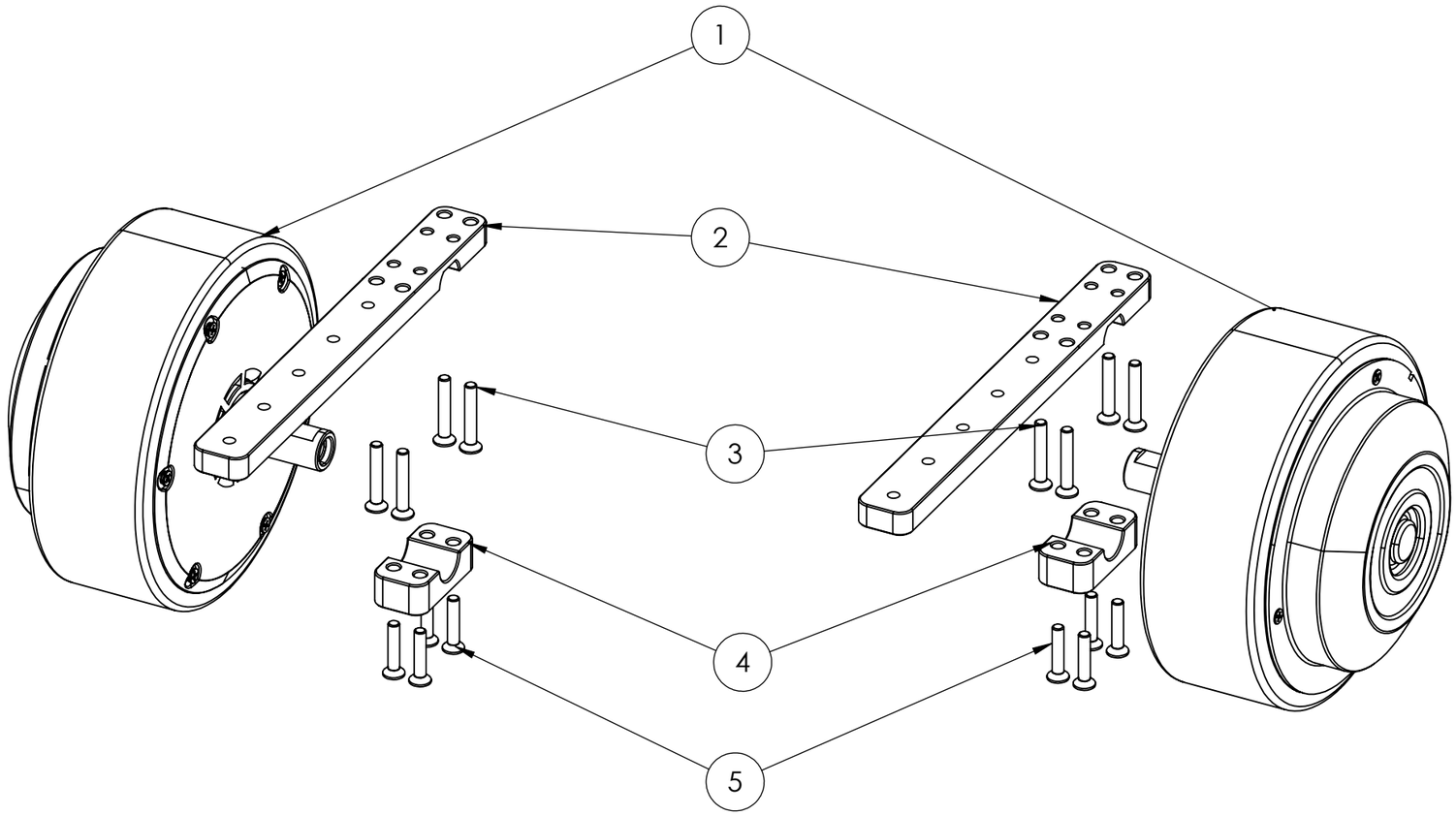
SHEET OF | DATE

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

REV.		PART NAME		
UNIT	MM	ITEM CODE		FRAME SIZE
SCALE		MASS		A3

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	136.0006.0	DRIVE WHEEL	2
2	136.0008.0	AL DRIVE WHELL FIX PLATE UPPER	2
3	136.0122.0	M4X25 COUNTERSUNK SCREW STAINLESS	8
4	136.0007.0	AL DRIVE WHEEL FIX PLATE LOWER	2
5	136.0121.0	M4X20 COUNTERSUNK SCREW STAINLESS	8

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

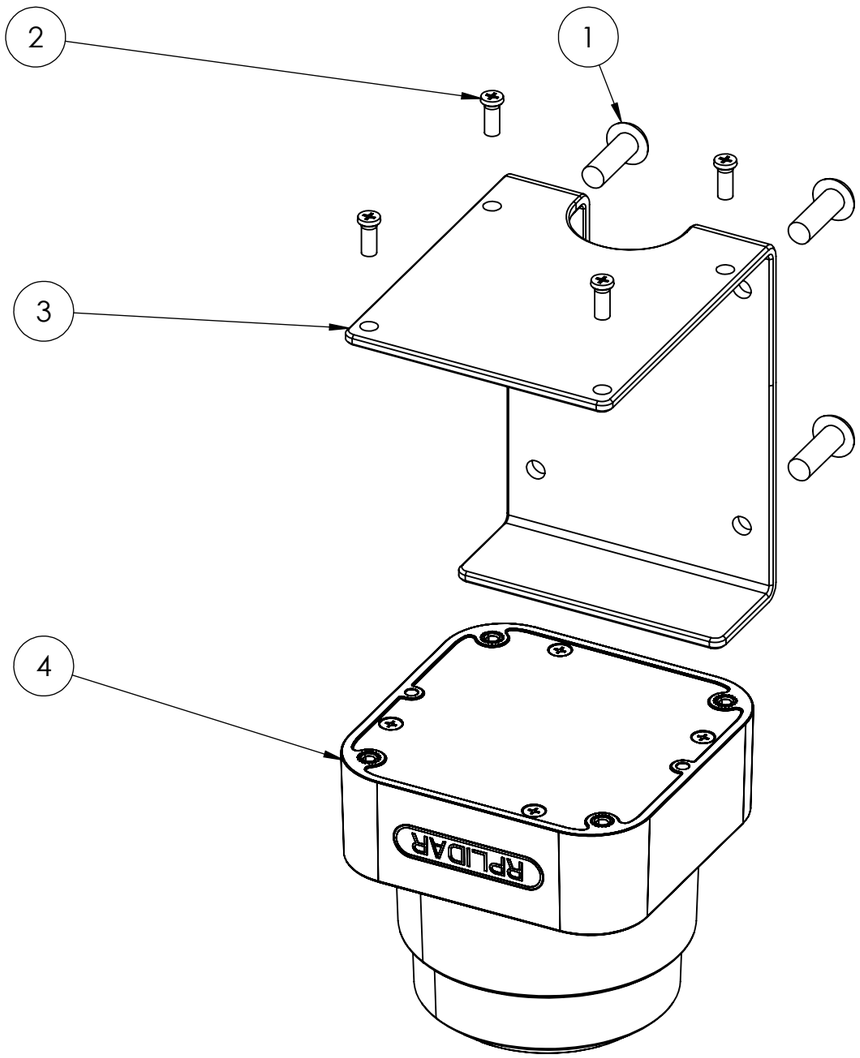
REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT—FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	136.0120.0	M4X14 HEX-SOKECT BOTTON SCREW	4
2	132.0018.0	PAN HEAD SCREW M2.5X6 SUS304	4
3	136.0038.0	RADAR FIXER ADJUST PART	1
4	136.0037.0	LASER LIDAR	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines,
   welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

REMARK:

MATERIAL		
APPROVED	CHECKED	DESIGNED

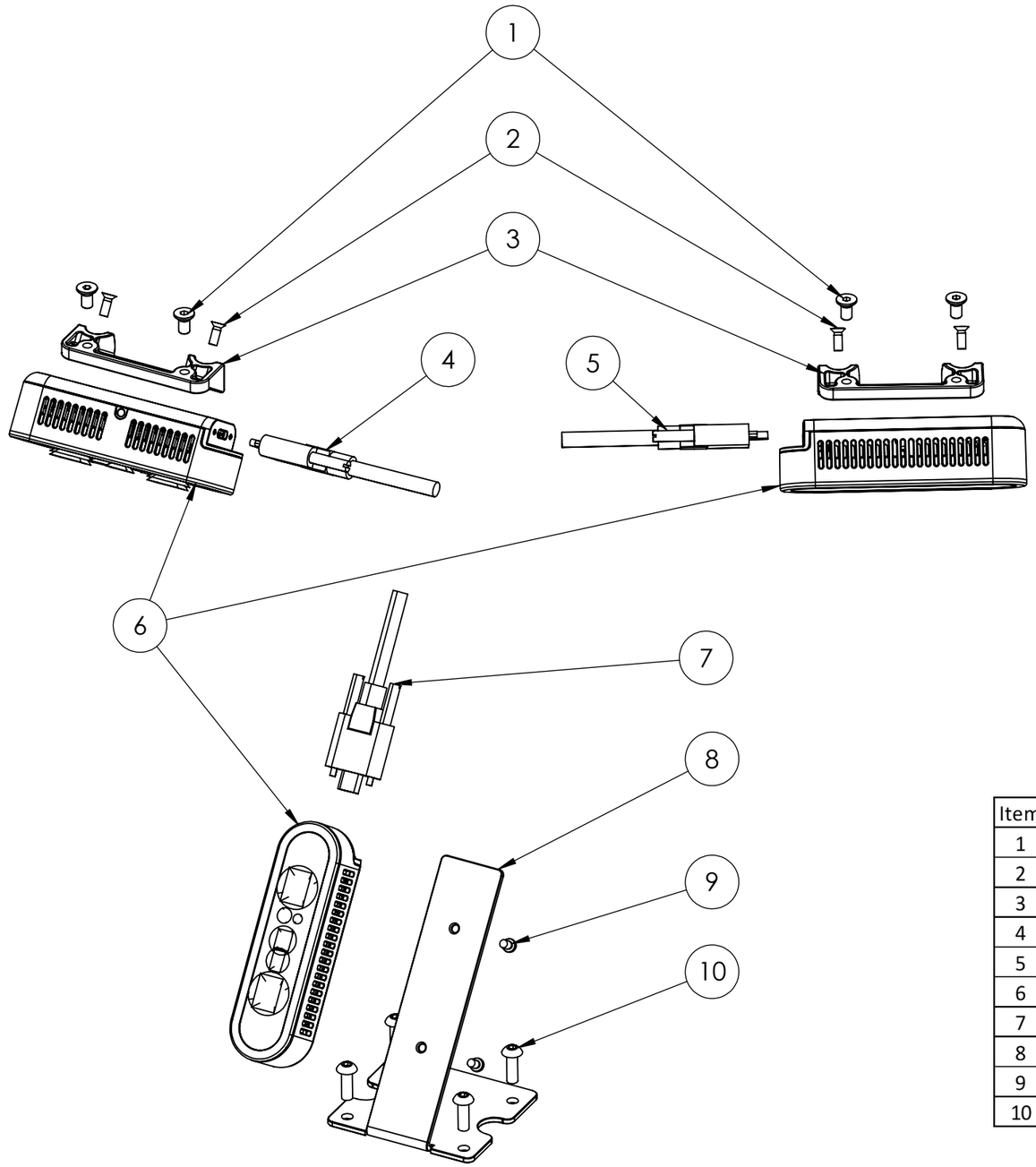
SHEET OF | DATE

SMT—FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

REV.		PART NAME		
UNIT	MM	ITEM CODE		FRAME SIZE
SCALE		MASS		A3

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	72.0206.1	SCREW COUNTER SUNK BOLT M4X8 STAINLESS STEEL	4
2	106.1111.22	M3X8 FLAT HEAD MACHINING SCREW	4
3	136.0015.0	BRACKET, UPPER CAMERA	2
4	136.0099.0	CABLE FOR DEPTH CAMERA RIGHT	1
5	136.0098.0	CABLE FOR DEPTH CAMERA LEFT	1
6	136.0014.0	CAMERA	3
7	136.0097.0	CABLE FOR DEPTH CAMERA LOWER	1
8	136.0016.0	BRACKET, LOWER CAMERA	1
9	113.0004.0	PAN HEAD SCREW M3X5	2
10	106.1111.5A	M4X6 HEX-SOCKET BUTTON SCREW WITH NYLOK GLUE	4

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased. 清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing. 安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications. 运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS *(UNLESS OTHERWISE EPECIFIED)*

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

REMARK:

MATERIAL

APPROVED	CHECKED	DESIGNED

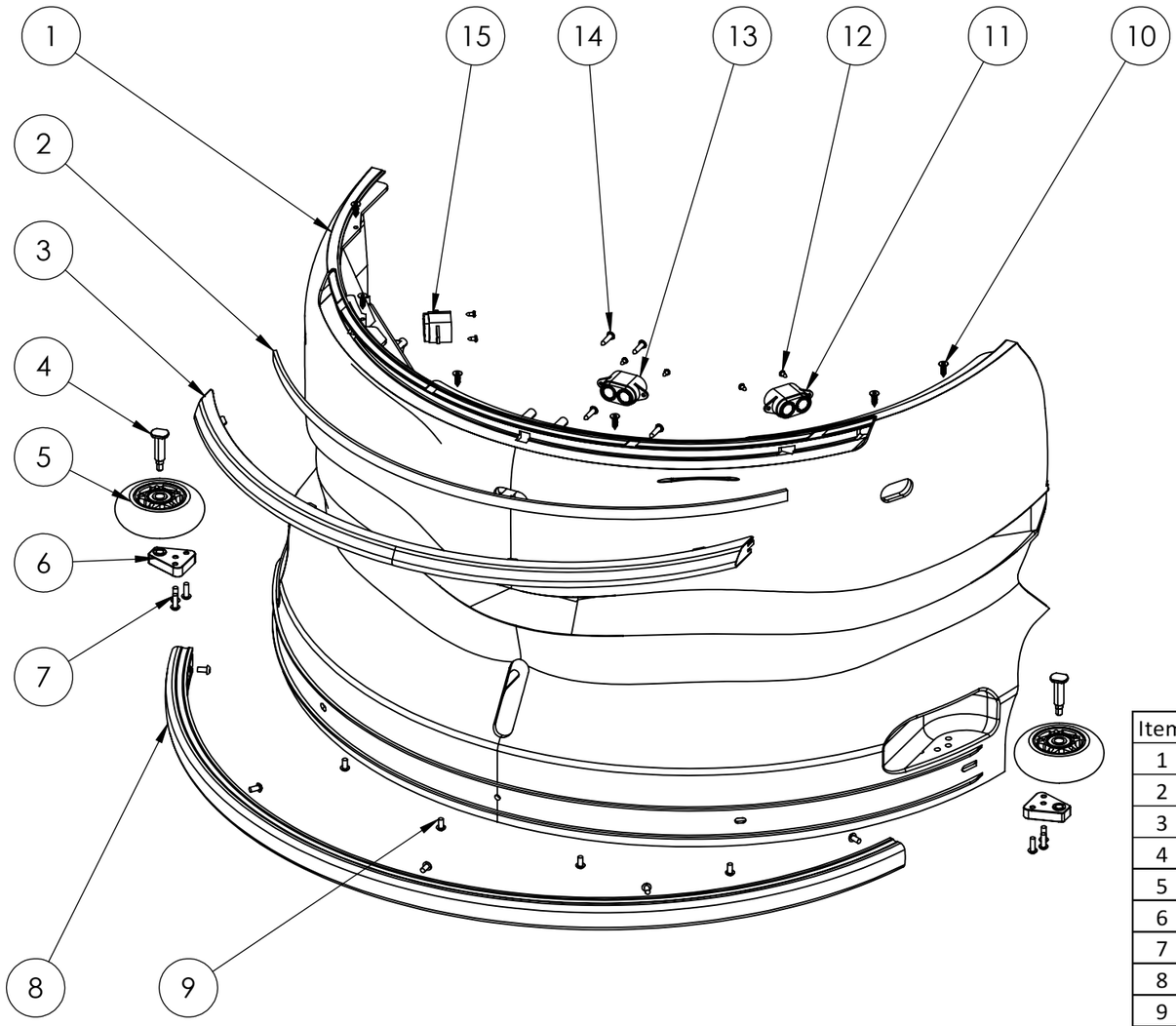
SHEET OF DATE

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

REV.		PART NAME		
UNIT	MM	ITEM CODE		FRAME SIZE
SCALE		MASS		A3

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	136.0047.2	FRONT BODY	1
2	136.0073.0	LED ON BODY	1
3	136.0054.0	LIGHT SHELL	1
4	72.0027.3C	SHAFT TRANSPORT CASTOR [V3]	2
5	72.0029.2/797	[MCH211-264] (101) WHITE CASTOR + BLUE BRACKET	2
6	136.0055.0	SHOCKPROOF WHEEL FIX BLOCK ADAPTOR	2
7	114.0019.0	SCREW M4X16 WASHER 9.8MM CROSS NYLON	6
8	136.0013.0	COLLISION SENSOR	1
9	106.1111.5A	M4X6 HEX-SOCKET BUTTON SCREW WITH NYLOK GLUE	9
10	106.1111.1	M4X12 FLAT HEX-SOKECT BOTTON SCREW	6
11	136.0033.0	ULTRASONIC SENSOR	1
12	106.1111.4	M3X6 PAN HEAD SELF-TAPPING SCREW	6
13	136.0033.1	UITRASONIC SENSOR MIDDLE	1
15	136.0033.2	UITRASONIC SENSOR RIGHT	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

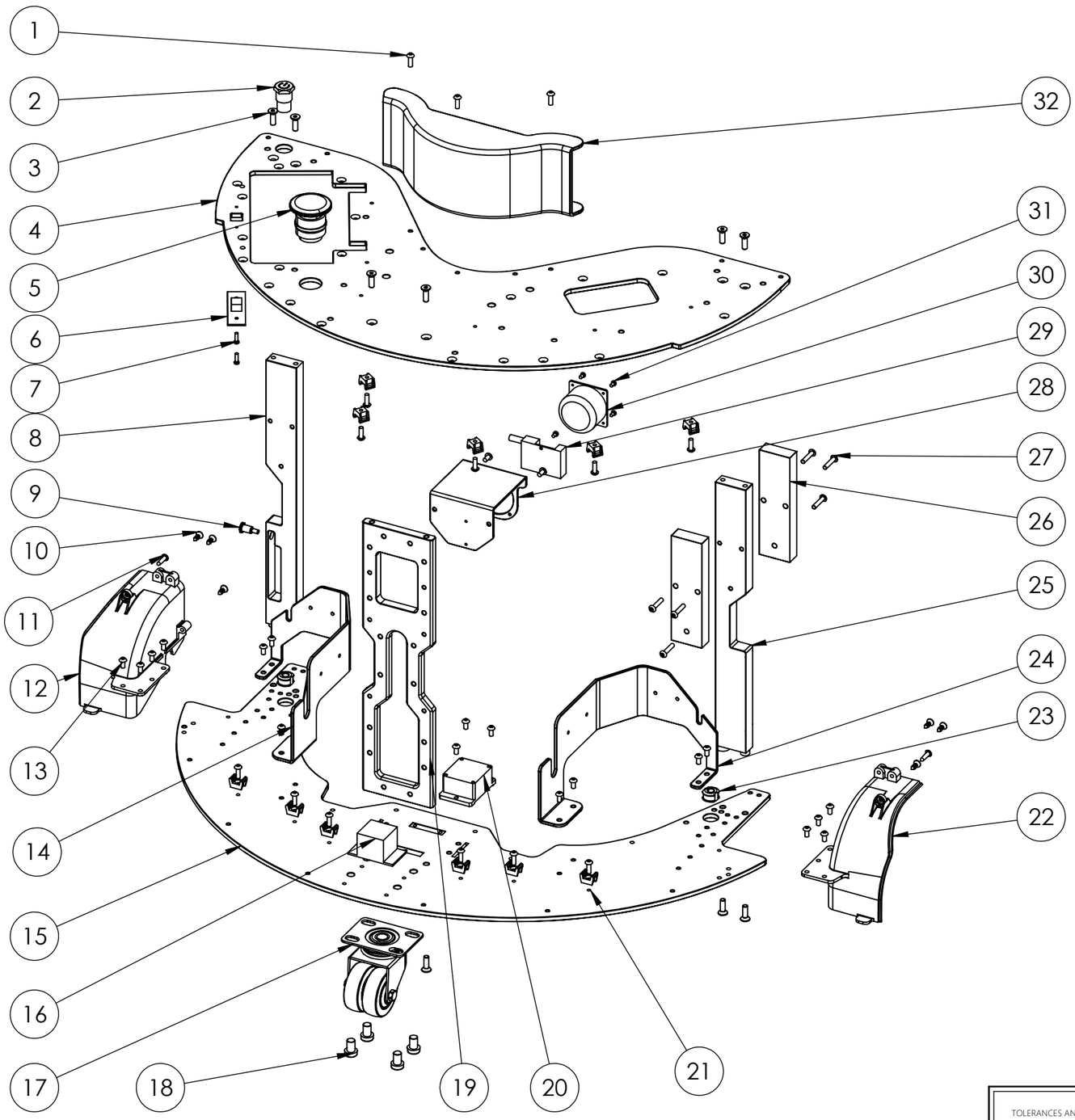
REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT—FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	106.1111.27	M4X12 HEX-SOKECT BOTTON SCREW	3
2	136.0057.0	MAIN SWTICH	1
3	72.0014.3N/1	NYLOK SCREW COUNTER SUNK BOLT M5X18.5	12
4	136.0001.0	AL MAIN FRAME MIDDLE PLATE	1
5	136.0056.0	EMERGENCY STOP SWITCH	1
6	106.2100.1A	LED LIGHT PCB FOR POWER SUPPLY BATTERY VERSION	1
7	136.0127.0	M3x8 nylon screw	2
8	136.0005.0	COUNTER WEIGHT SHAFT RIGHT	1
9	115.0235.0B	PULLEY TENSION SPRING	1
10	106.1111.1	M4X12 FLAT HEX-SOKECT BOTTON SCREW	6
11	136.0123.0	M4x10	2
12	136.0051.2	RIGHT WHEEL COVER	1
13	106.1111.10	M4X8 HEX-SOKECT BOTTON HEAD SCREW	33
14	136.0019.0	GUIDE RIGHT	1
15	136.0002.0	AL MAIN FRAME BOTTOM PLATE	1
16	136.0077.0	RELAY	1
17	136.0009.0	CASTOR 2'	1
18	108.0056.0	HEXAGON SOCKET HEAD STAINLESS M8X10	4
19	136.0003.0	AL MIDDLE SUPPORT FOR PLATE	1
20	136.0017.0	IMU	1
21	118.0310.0	WIRE HOLDER	12
22	136.0052.2	LEFT WHEEL COVER	1
23	136.0117.0	RUBBER PROTECTOR FOR CABLE	2
24	136.0018.0	GUIDE LEFT	1
25	136.0005.1	COUNTER WEIGHT SHAFT LEFT	1
26	136.0110.0	WEIGHT PLATE 500G	2
27	106.1111.12	M4X20 HEX-SOKECT BOTTON SCREW	6
28	136.0079.0	BRACKET OF SPEAKER	1
29	136.0075.0	AMPLIFIER BOARD	1
30	136.0074.0	SPEAKER	1
31	113.0004.0	PAN HEAD SCREW M3X5	6
32	136.0050.2	BLOCK PLATE ONE TOP	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased. 清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing. 安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications. 运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE ∅	±0.1mm

REMARK:

MATERIAL		
APPROVED	CHECKED	DESIGNED

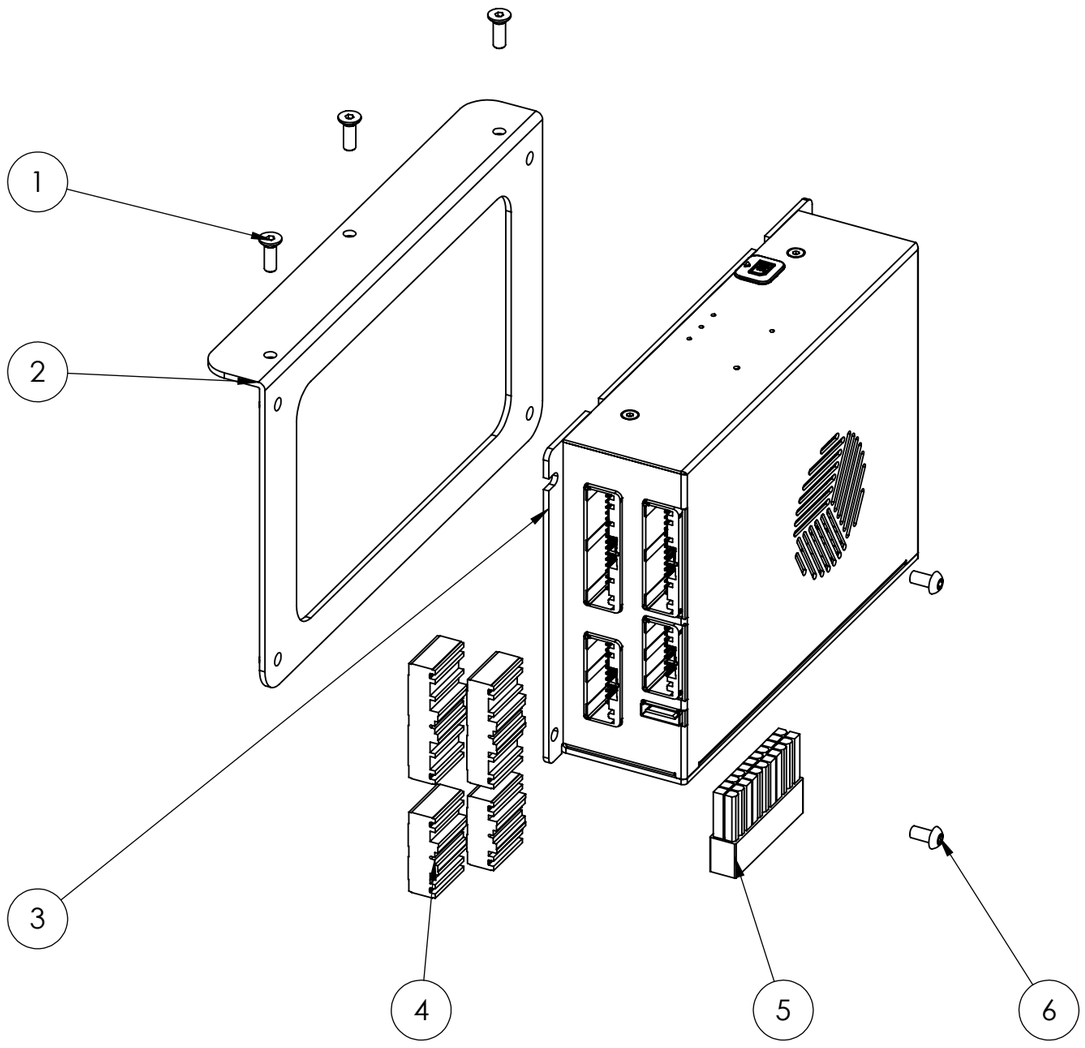
SHEET OF | DATE

SMT—FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

REV.		PART NAME		
UNIT	MM	ITEM CODE		FRAME SIZE
SCALE		MASS		A3

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	72.0014.0N	NYLOK SCREW COUNTER SUNK BOLT M4x12	3
2	136.0036.0	BRACKET OF ACU	1
3	136.0035.0	ACU	1
4	136.0095.0	WIRING HARNESS AVD IO AND SENSOR	1
5	136.0096.0	WIRING HARNESS DRIVE MOTOR AND POWE	1
6	106.1111.10	M4X8 HEX-SOKECT BOTTON HEAD SCREW	4

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE ∅	±0.1mm

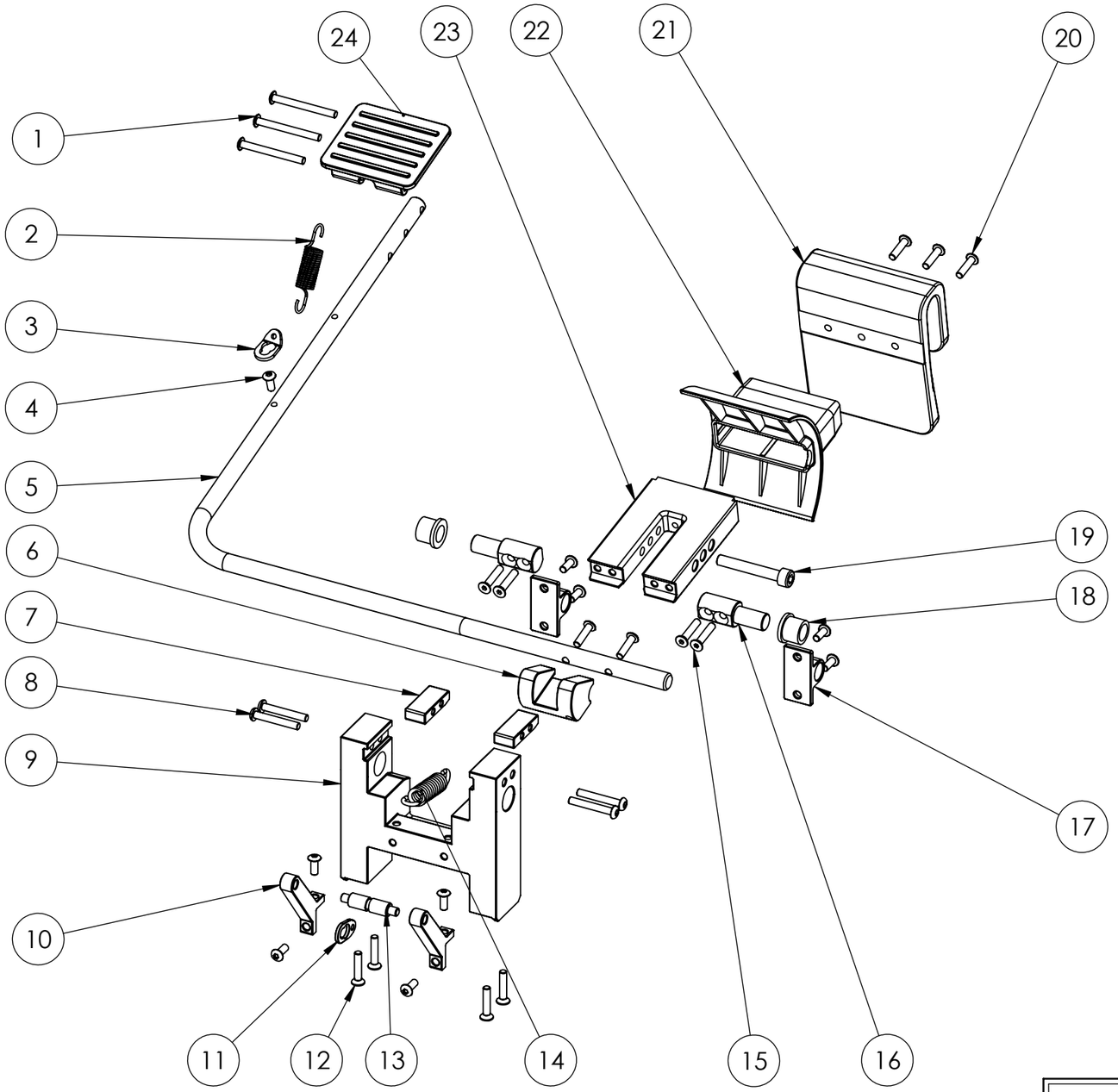
REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT—FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	119.0067.0	M4x40 PAN HEAD SELF-TAPPING SCREW	3
2	115.0232.0	[MCH 211-316-101] TENSION SPRING	1
3	136.0031.1	SPRING CONNECTOR	1
4	106.1111.16	M4X10 HEX-SOKECT BOTTON SCREW	9
5	136.0030.0	PIVOTA	1
6	136.0025.0	AL RESET BLOCK	1
7	136.0027.0	AL ANGLE STOPER UPPER	2
8	106.1111.15	M4X28 HEX-SOKECT BOTTON HEAD SCREW	4
9	136.0024.0	AL LOWER HOLDER BRACKET BASE	1
10	136.0029.0	AL SPRING AXIS BRACKET	2
11	136.0031.0	SPRING HOOK	1
12	72.0014.0N	NYLOK SCREW COUNTER SUNK BOLT M4x12	4
13	115.0296.0	[MCH 211-383](101) SUPPORT SYSTEM SPRING AXIS	1
14	115.0299.0	[MCH 043-107](101)EXTENSION SPRING 2.20 X 48.00	1
15	136.0121.0	M4X20 COUNTERSUNK SCREW STAINLESS STEEL	4
16	136.0022.0	LOWER HOOK CONNECTOR AXIS	2
17	136.0028.0	AL PIVOT HOLDE LOW HOOK	2
18	72.0016.0	BRUSHING AXIS 10 [MCH 1416-1001-2112]	2
19	80.0000.1	SCREW CROSSHEAD M6X40 [NON-TAPED]	1
20	136.0120.0	SCREW M4X16 WASHER 9.8MM CROSS NYLON	5
21	136.0020.0	AL LOWER HOOK	1
22	136.0094.2	LOWER HOOK COVER	1
23	136.0021.0	AL LOWER HOOK CONNECTOR	1
24	136.0032.8	PEDAL	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE Ø	±0.1mm

REMARK:

MATERIAL

APPROVED	CHECKED	DESIGNED

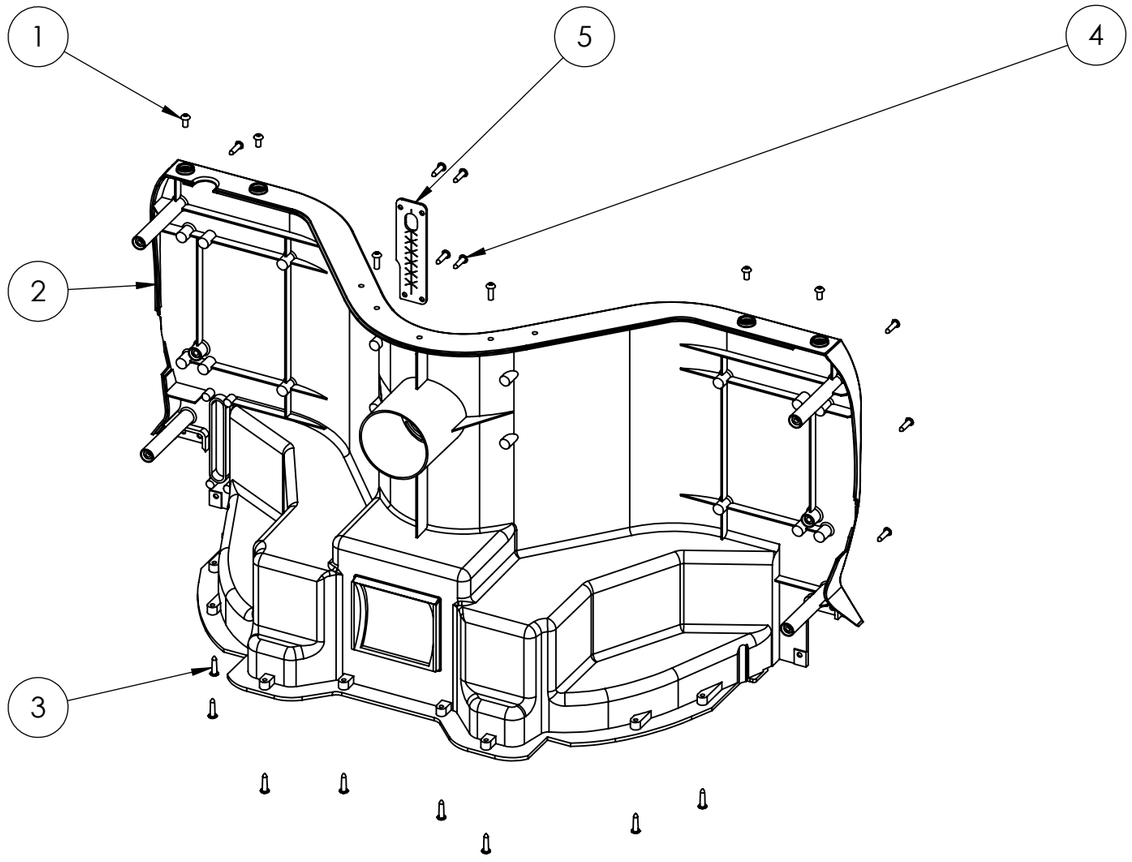
SHEET OF DATE

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China

REV.		PART NAME		
UNIT	MM	ITEM CODE		FRAME SIZE
SCALE		MASS		A3

Revision	Description	Revised	Date
-	FIRST RELEASE	-	-

文件编号：SMT-QP-019-R14A



Item	Part number	Description	Usage
1	106.1111.16	M4X10 HEX-SOKECT BOTTON SCREW	6
2	136.0049.2	BACK PLATE	1
3	136.0124.0	M4x25 HEX-SOKECT PAN HEAD SELF-TAPPING SCREW	14
4	136.0123.0	M4x10 HEX-SOKECT PAN HEAD SELF-TAPPING SCREW	4
5	136.0084.2	RUBBER COVER-PEDAL LEVER	1

Machining And Delivery Notes 加工要求

1. Remove all sharp edges and burrs.去除所有锋利的边缘和毛刺。
2. Remove all maching residues, product must be clear and degreased.
   清除所有机械残渣，产品必须清洁油污。
3. Install insert/press in compnents as specified by the proudcer after finishing.
   安装的镶件/埋入零件须按指定规格来完成。
4. All exteral surface must be free of sink marks, injection marks, flow lines, welding lines and nicks.所有外部表面必须没有缩水下陷，注胶痕迹，流痕，结合线
5. Transport to SMT shall not cause and damage to the product or its specifications.
   运输至SMT不应对产品或其规格造成损坏。
6. Product must be ROHS and green compliant.产品必须符合ROHS和绿色要求。

TOLERANCES AND DIMENSIONS
(UNLESS OTHERWISE EPECIFIED)

0.5-3mm	±0.1mm
3-6mm	±0.1mm
6-30mm	±0.2mm
30-120mm	±0.3mm
120-400mm	±0.5mm
ANGLES	±1.0°
HOLE ∅	±0.1mm

REMARK:

MATERIAL							
APPROVED	CHECKED	DESIGNED	REV.		PART NAME		
			UNIT	MM	ITEM CODE		FRAME SIZE
SHEET OF	DATE		SCALE		MASS		A3

SMT-FCT DONGGUAN
THE FRIENDLY FAMILY
东莞硕能塑胶模具有限公司
Dongguan Solid-CST Plastic Molding Co., Ltd
东莞市石碣镇新风西路99号
No.99 XinFeng West Road ShiJie Town DongGuan City China