

检测报告

编号: TAOEC24009359506

日期: 2026 年 07 月 21 日

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客户名称: 青岛微感智通科技有限公司

客户地址: 山东省青岛市崂山区科苑纬一路 1 号创新园二期 F 楼 8 层 803 房间

样品名称: 3D TOF CAMERA

测试基本型号: NYX650

测试扩展型号: NYX660/DS86/DS87

以上样品及信息由客户提供。

SGS 工作编号: QDP24-005656

样品接收时间: 2024 年 12 月 27 日

检测周期: 2024 年 12 月 27 日 ~ 2025 年 01 月 03 日

检测要求: 根据客户要求检测。

检测方法: 见后续页。

检测结果: 见后续页。

检测要求	结论
欧盟法规(EC) No 1907/2006 REACH 附录 XVII 及其修正法案(EU) No 276/2010 第 20 条 - 有机锡的总锡筛选测试	见检测结果
欧盟法规(EC) No 1907/2006 REACH 附录 XVII 及其修正法案(EU) No 276/2010 第 20 条 - 有机锡化合物	符合

通标标准技术服务(青岛)有限公司
授权签名

孙媛媛

Alice Sun 孙媛媛
批准签署人

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检测结果:

样品照片



NYX650

TAO24-0093595



NYX660

TAO24-0093595



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DS86

TAO24-0093595



DS87

TAO24-0093595

此照片仅限于随 SGS 正本报告使用

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A2	TAO24-0093595-0001.C002	蓝色塑料



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样品序号	样品编号	SGS 样品 ID	样品描述
SN2	A3	TAO24-0093595-0001.C003	黑色涂层
SN3	A4	TAO24-0093595-0001.C004	透明塑料
SN4	A5	TAO24-0093595-0001.C005	黑色双面胶
SN5	A6	TAO24-0093595-0001.C006	黑色橡胶
SN6	A8	TAO24-0093595-0001.C008	灰色涂层
SN7	A10	TAO24-0093595-0001.C010	灰色固体
SN8	A11	TAO24-0093595-0001.C011	黑色橡胶
SN9	A17	TAO24-0093595-0001.C017	黑色橡胶
SN10	A20	TAO24-0093595-0001.C020	黑色 PCB
SN11	A21	TAO24-0093595-0001.C021	棕色 FPC
SN12	A25	TAO24-0093595-0001.C025	黑色 FPC
SN13	A43	TAO24-0093595-0001.C043	黑色 PCB
SN14	A54	TAO24-0093595-0001.C054	米色塑料
SN15	A55	TAO24-0093595-0001.C055	黑色塑料
SN16	A57	TAO24-0093595-0001.C057	黑色 PCB
SN17	A58	TAO24-0093595-0001.C058	深灰色塑料
SN18	A59	TAO24-0093595-0001.C059	黑色塑料
SN19	A60	TAO24-0093595-0001.C060	黑色 PCB
SN20	A70	TAO24-0093595-0001.C070	黑色 PCB
SN21	A71	TAO24-0093595-0001.C071	深灰色塑料
SN22	A86	TAO24-0093595-0001.C086	黑色塑料
SN23	A87	TAO24-0093595-0001.C087	黑色 FPC
SN24	A88	TAO24-0093595-0001.C088	棕色 FPC
SN25	A97	TAO24-0093595-0001.C097	黑色塑料
SN26	A98	TAO24-0093595-0001.C098	透明塑料



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样品序号	样品编号	SGS 样品 ID	样品描述
SN27	A99	TAO24-0093595-0001.C099	黑色塑料线皮
SN28	A102	TAO24-0093595-0001.C102	白色/棕色塑料线皮
SN29	A103	TAO24-0093595-0001.C103	棕色塑料线皮
SN30	A104	TAO24-0093595-0001.C104	白色/绿色塑料线皮
SN31	A105	TAO24-0093595-0001.C105	绿色塑料线皮
SN32	A106	TAO24-0093595-0001.C106	橙色塑料线皮
SN33	A107	TAO24-0093595-0001.C107	白色/橙色塑料线皮
SN34	A108	TAO24-0093595-0001.C108	白色/蓝色塑料线皮
SN35	A109	TAO24-0093595-0001.C109	蓝色塑料线皮
SN36	A112	TAO24-0093595-0001.C112	黑色塑料
SN37	A113	TAO24-0093595-0001.C113	黑色塑料线皮
SN38	A115	TAO24-0093595-0001.C115	黑色塑料
SN39	A117	TAO24-0093595-0001.C117	白色塑料
SN40	A121	TAO24-0093595-0001.C121	黑色塑料线皮
SN41	A122	TAO24-0093595-0001.C122	黑色塑料线皮
SN42	A123	TAO24-0093595-0001.C123	蓝色塑料线皮
SN43	A124	TAO24-0093595-0001.C124	黄色塑料线皮
SN44	A125	TAO24-0093595-0001.C125	粉色塑料线皮
SN45	A126	TAO24-0093595-0001.C126	白色塑料线皮
SN46	A127	TAO24-0093595-0001.C127	棕色塑料线皮
SN47	A128	TAO24-0093595-0001.C128	绿色塑料线皮
SN48	B1	TAO24-0093595-0002.C001	棕色 FPC
SN49	B3	TAO24-0093595-0002.C003	黑色 PCB
SN50	B8	TAO24-0093595-0002.C008	红色胶
SN51	B26	TAO24-0093595-0002.C026	黑色 PCB



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样品序号	样品编号	SGS 样品 ID	样品描述
SN52	B36	TAO24-0093595-0002.C036	黑色 PCB
SN53	B55	TAO24-0093595-0002.C055	黑色塑料
SN54	B70	TAO24-0093595-0002.C070	黑色塑料线皮
SN55	B71	TAO24-0093595-0002.C071	黑色塑料
SN56	B73	TAO24-0093595-0002.C073	透明塑料
SN57	B77	TAO24-0093595-0002.C077	白色塑料
SN58	B78	TAO24-0093595-0002.C078	白色塑料
SN59	B80	TAO24-0093595-0002.C080	透明塑料
SN60	B82	TAO24-0093595-0002.C082	橙色塑料线皮
SN61	B83	TAO24-0093595-0002.C083	白色/橙色塑料线皮
SN62	B84	TAO24-0093595-0002.C084	绿色塑料线皮
SN63	B85	TAO24-0093595-0002.C085	白色/绿色塑料线皮
SN64	B87	TAO24-0093595-0002.C087	白色/蓝色塑料线皮
SN65	B88	TAO24-0093595-0002.C088	蓝色塑料线皮
SN66	B89	TAO24-0093595-0002.C089	白色/棕色塑料线皮
SN67	B90	TAO24-0093595-0002.C090	棕色塑料线皮
SN68	C1	TAO24-0093595-0003.C001	红色涂层
SN69	D1	TAO24-0093595-0004.C001	红色涂层

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL= 方法检出限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

欧盟法规(EC) No 1907/2006 REACH 附录 XVII 及其修正法案(EU) No 276/2010 第 20 条 - 有机锡的总锡筛选测试

检测方法: SGS 内部方法, 采用 EDXRF 进行分析。

检测项目	单位	MDL	A2	A3	A4
锡(Sn)	mg/kg	700	<700	<700	<700



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检测项目	单位	MDL	A2	A3	A4
结论			符合	符合	符合

检测项目	单位	MDL	A5	A6	A8
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A10	A11	A17
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A20	A21	A25
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A43	A54	A55
锡(Sn)	mg/kg	700	>700#	<700	>700#
结论			见检测结果	符合	见检测结果

检测项目	单位	MDL	A57	A58	A59
锡(Sn)	mg/kg	700	>700#	<700	<700
结论			见检测结果	符合	符合

检测项目	单位	MDL	A60	A70	A71
锡(Sn)	mg/kg	700	>700#	<700	<700
结论			见检测结果	符合	符合

检测项目	单位	MDL	A86	A87	A88
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A97	A98	A99
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A102	A103	A104
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A105	A106	A107
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合



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检测项目	单位	MDL	A108	A109	A112
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A113	A115	A117
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A121	A122	A123
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A124	A125	A126
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	A127	A128	B1
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	B3	B8	B26
锡(Sn)	mg/kg	700	<700	<700	>700#
结论			符合	符合	见检测结果

检测项目	单位	MDL	B36	B55	B70
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	B71	B73	B77
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	B78	B80	B82
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	B83	B84	B85
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

检测项目	单位	MDL	B87	B88	B89
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合



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检测项目	单位	MDL	B90	C1	D1
锡(Sn)	mg/kg	700	<700	<700	<700
结论			符合	符合	符合

备注:

(1) 如果总锡的结果, 经过换算后不超过 REACH 附录 17 中第 20 条款关于有机锡以锡计的的要求, 则不要
求做有机锡的确认性检测。

(2) 如果总锡结果>700 mg/kg, 强烈建议加测有机锡检测以便确认是否符合 REACH 附录 17 中第 20 条款关
于有机锡的要求。

(3)# = 超出限值。

欧盟法规(EC) No 1907/2006 REACH 附录 XVII 及其修正法案(EU) No 276/2010 第 20 条 - 有机锡化合物

检测方法: 参考 ISO 17353:2004, 采用 GC-MS 进行分析。

检测项目	限值	单位	MDL	A43	A55	A57
按 TBT (三丁基锡) 换算回锡的含量	-	%	0.01	ND	ND	ND
按 TCyT (三环己基锡) 换算回锡的含量	-	%	0.01	ND	ND	ND
按 TMT (三甲基锡) 换算回锡的含量	-	%	0.01	ND	ND	ND
按 TOT (三辛基锡) 换算回锡的含量	-	%	0.01	ND	ND	ND
按 TPhT (三苯基锡) 换算回锡的含量	-	%	0.01	ND	ND	ND
按 TPT (三丙基锡) 换算回锡的含量	-	%	0.01	ND	ND	ND
三代有机锡化合物换算锡含量	0.1	%	-	ND	ND	ND
按 DOT (二辛基锡) 换算回锡的含量	0.1	%	0.01	ND	ND	ND
按 DBT (二丁基锡)换算回锡的含量	0.1	%	0.01	ND	ND	ND
结论				符合	符合	符合

检测项目	限值	单位	MDL	A60	B26
按 TBT (三丁基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TCyT (三环己基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TMT (三甲基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TOT (三辛基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TPhT (三苯基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TPT (三丙基锡) 换算回锡的含量	-	%	0.01	ND	ND
三代有机锡化合物换算锡含量	0.1	%	-	ND	ND
按 DOT (二辛基锡) 换算回锡的含量	0.1	%	0.01	ND	ND
按 DBT (二丁基锡)换算回锡的含量	0.1	%	0.01	ND	ND
结论				符合	符合

根据材料风险评估结果, 对样品照片中的选定部件进行检测, 得出了结论。



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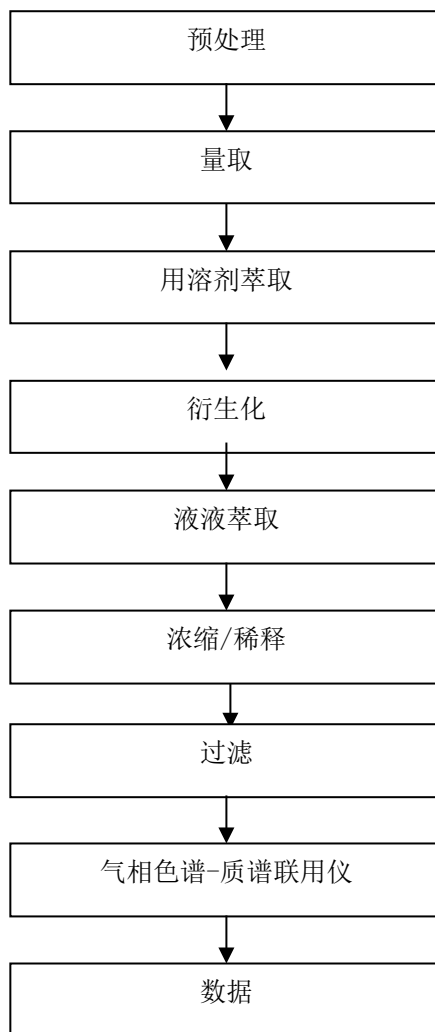
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DS86



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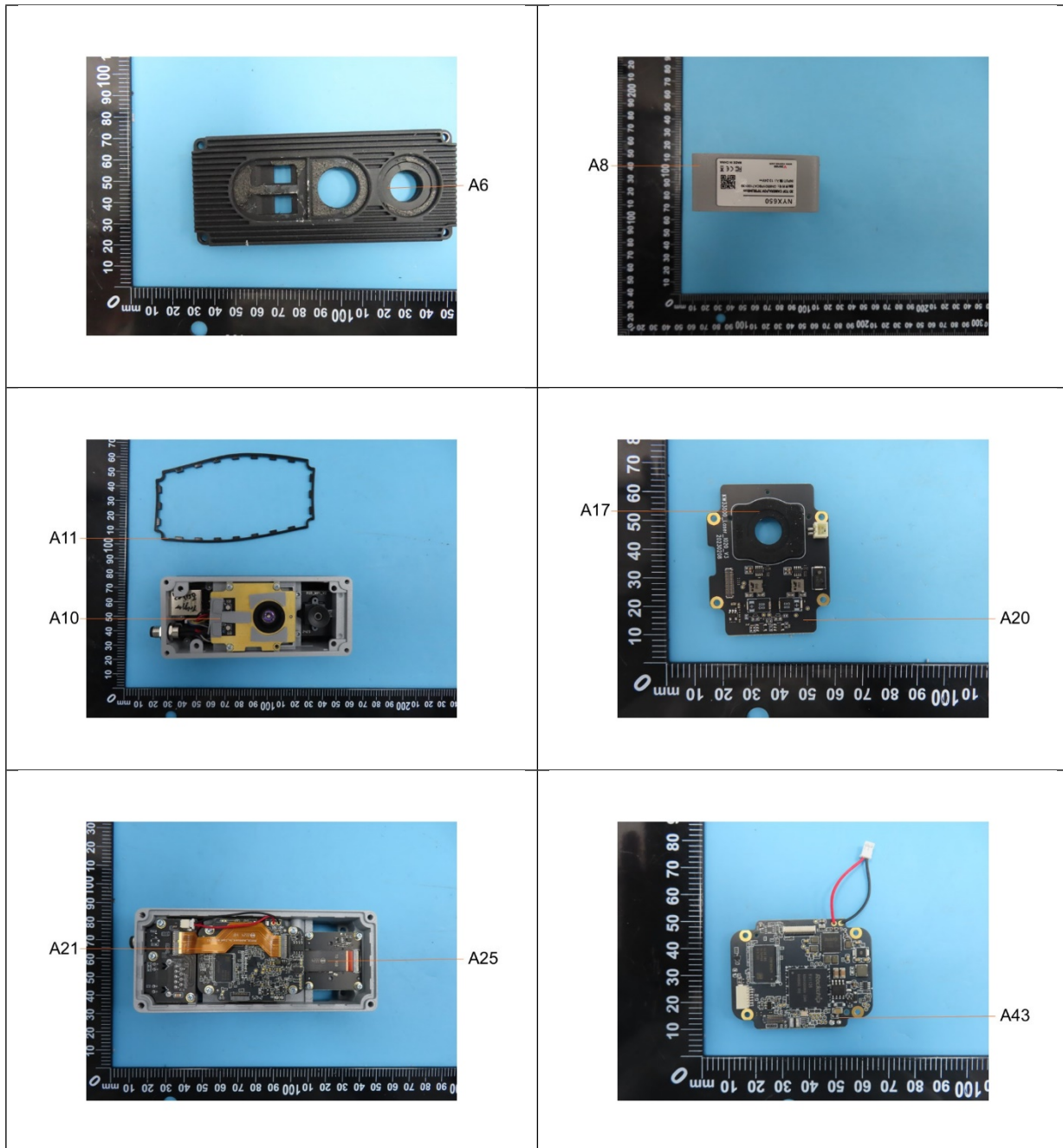
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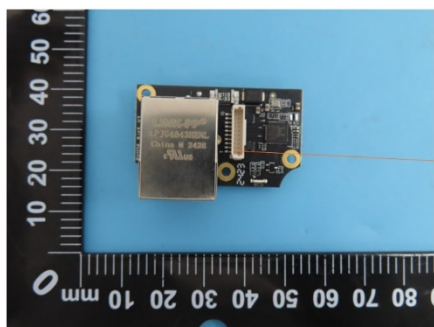
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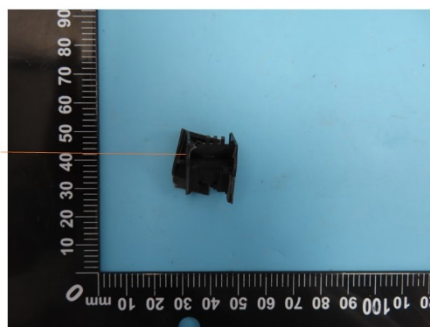
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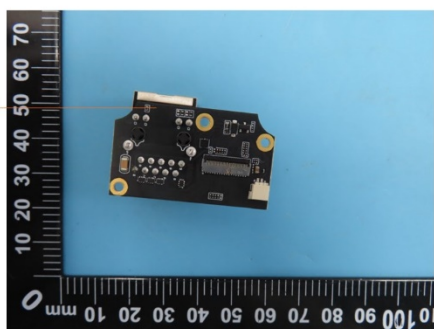
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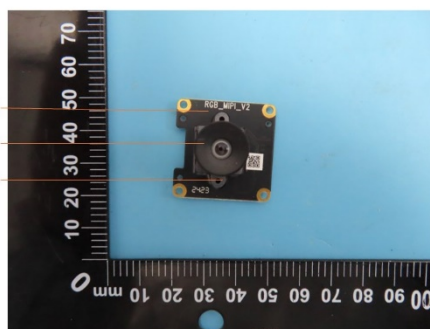
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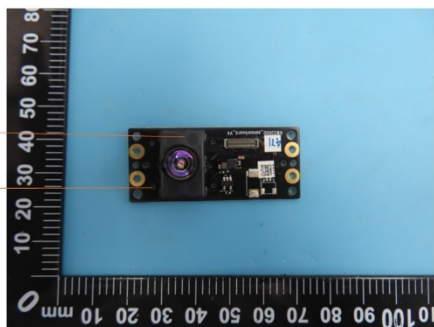
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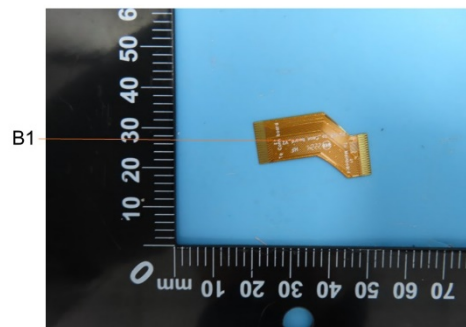
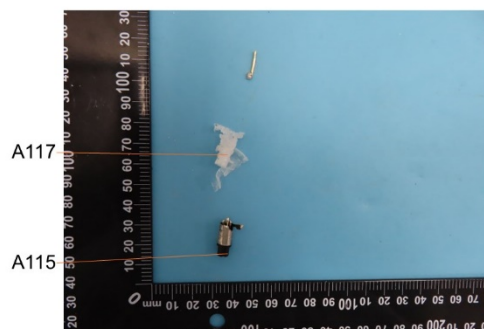
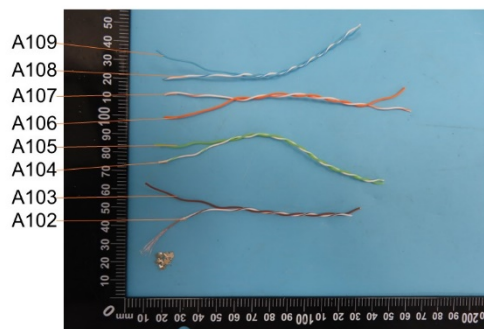
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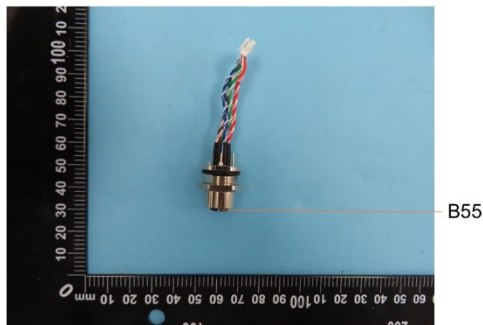
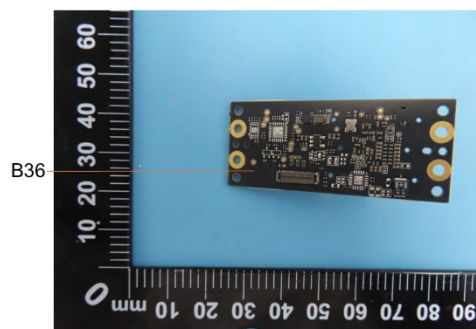
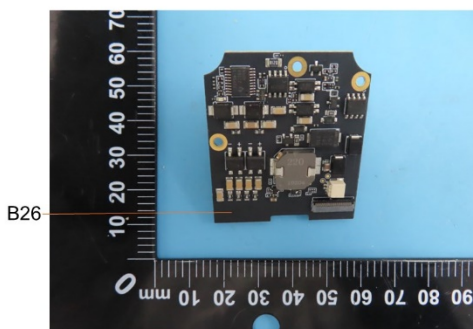
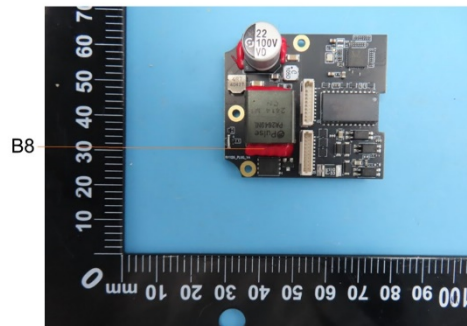
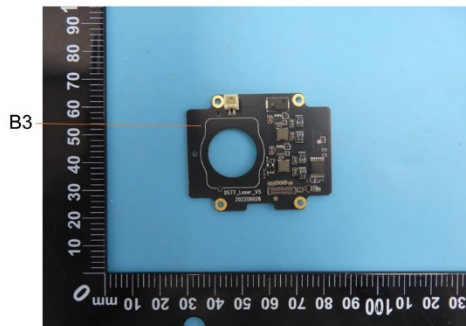
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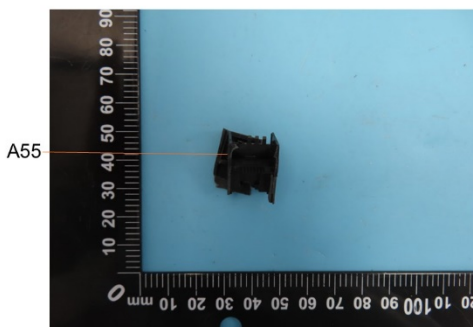
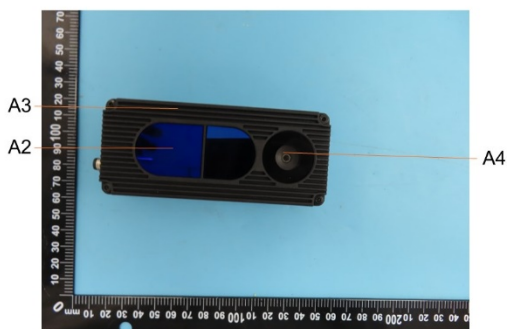
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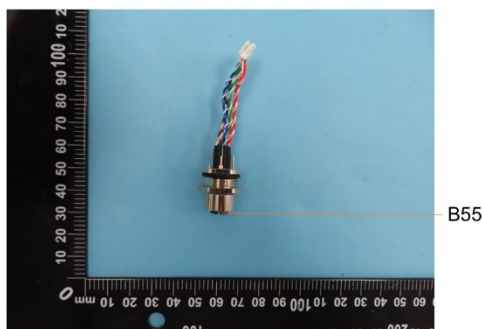
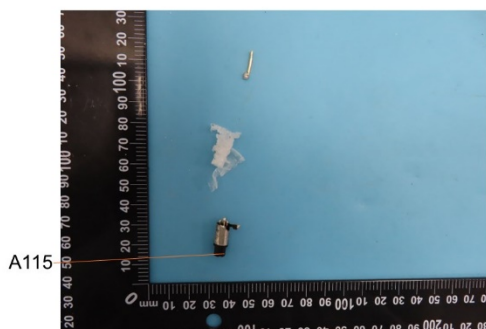
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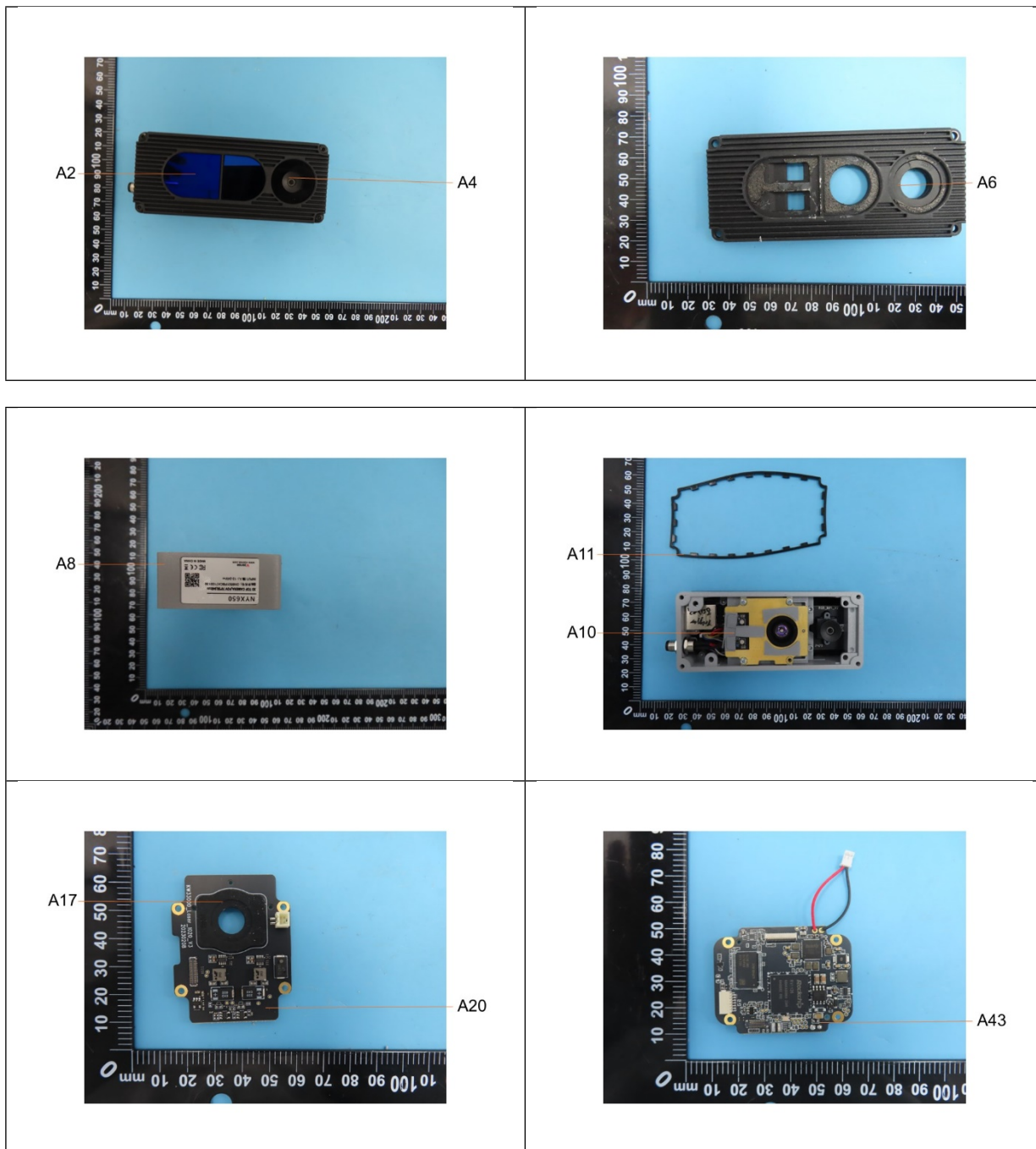
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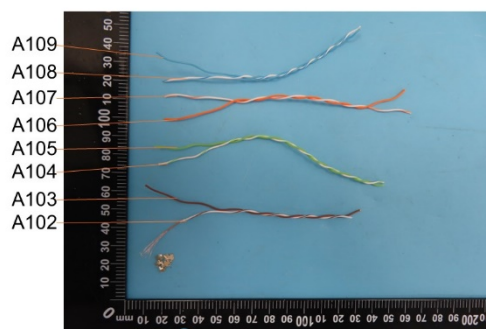
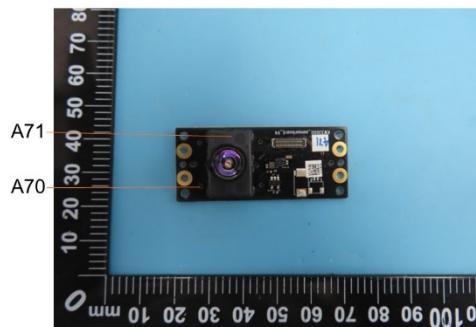
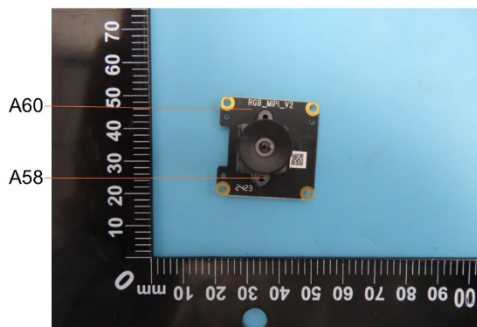
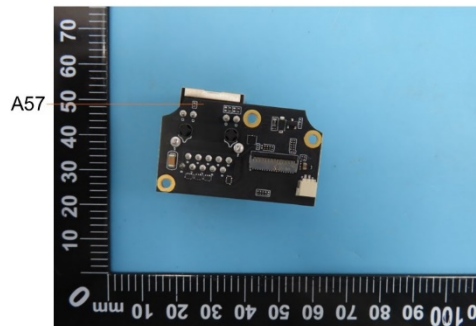
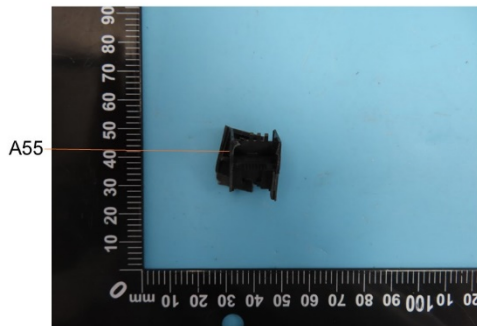
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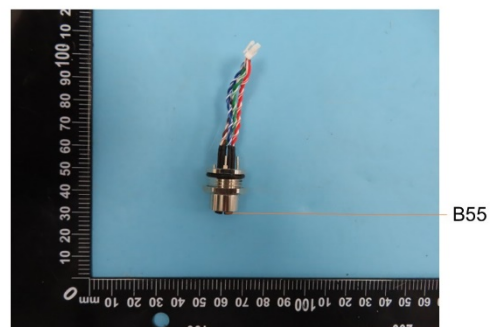
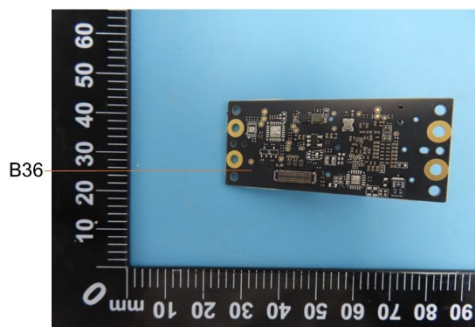
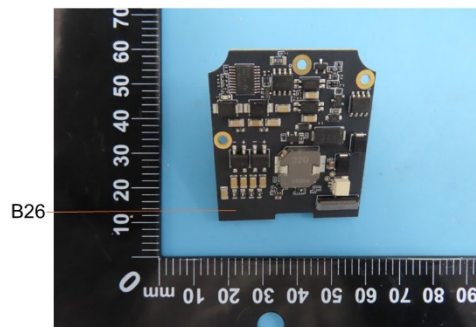
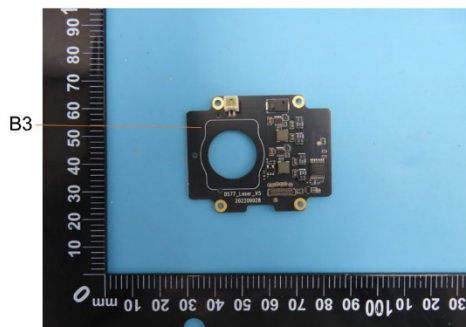
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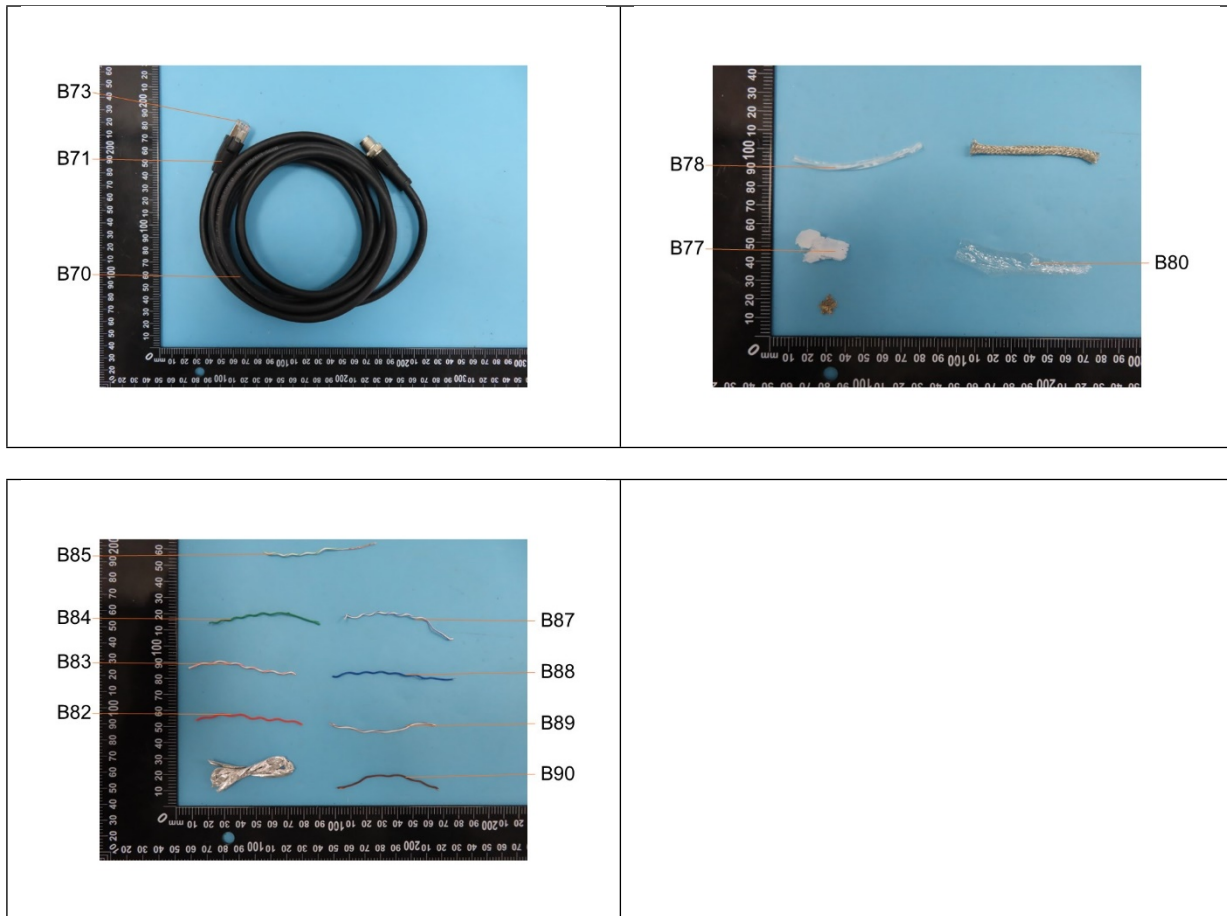
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