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TEST REPORT

KOTITI NO. : 1514020091
APPLICANT : SUPREMA
DATE IN : July 29, 2015
DATE OUT : September 03, 2015

Product Name	BioMini
Model Name	S20
Part Name	N/S
Testing Period	August 07, 2015 ~ August 12, 2015
Test Result	For further details, please refer to the following page(s).

*** N/S : Not Submitted**

PREPARED and CHECKED by :

Sang Rag Lee

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REMARK: SEE ENCLOSED WORKSHEET(S) RESULT

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▣ SCREENING

1) XRF screening

i) X-Ray Fluorescence Spectrometer (XRF)

ii) Maker : HITACHI

iii) Model : EA 1000A III

2) Cr^{6+} Spot test

▣ PRECISION ANALYSIS(ICP-OES, GC/MS, UV/VIS)

- Test Method:

Reference to IEC 62321-5:2013 by acid digestion and determined by ICP-OES (Pb, Cd)

Reference to IEC 62321-4:2013 by acid digestion and determined by ICP-OES (Hg)

Reference to IEC 62321:2008 (Annex C) by alkaline digestion and determined by UV-VIS (Cr^{6+})

Reference to IEC 62321:2008 (Annex B) by boiling water extraction and determined by UV-VIS (Cr^{6+})

Reference to IEC 62321:2008 (Annex A) by solvent extraction and determined by GC-MS (PBBs, PBDEs)

SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 1	# 2	# 3	# 4	# 5	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	N.D.	50	-

Test Item	# 6	# 7-1	# 7-2	# 8	# 9	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	N.D.	50	-

Test Item	# 10	# 11	# 12-1	# 12-2	# 12-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	2 054	2 420	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	Negative	N.A.	N.A.	N.A.	-	-
Total Br	N.A.	N.A.	N.D.	N.D.	N.D.	50	-

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- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
- Positive = A positive test result indicated the presence of Cr^{6+}

SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 12-4	# 12-5	# 12-6-1	# 12-6-2	# 12-7	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	N.A.	Negative	N.A.	-	-
Total Br	N.D.	N.A.	155 779	N.A.	N.D.	50	-

Test Item	# 12-8	# 13-1-1	# 13-1-2	# 13-2	# 13-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	Negative	Negative	N.A.	-	-
Total Br	N.D.	158 410	N.A.	N.A.	N.D.	50	-

Test Item	# 13-4	# 13-5	# 13-6	# 14-1	# 14-2	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	175 823	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	Negative	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.A.	N.D.	50	-

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- Negative = A negative test result indicates above positive observation was not found at the testing
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SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 14-3	# 14-4	# 14-5	# 14-6	# 14-7	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	Negative	Negative	Negative	-	-
Total Br	N.D.	152 340	N.A.	N.A.	N.A.	50	-

Test Item	# 14-8	# 14-9	# 15-1-1	# 15-1-2	# 15-1-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	Negative	N.A.	Negative	Negative	-	-
Total Br	N.A.	N.A.	5 149	N.A.	N.A.	50	-

Test Item	# 15-1-4	# 15-2-1	# 15-2-2	# 15-3-1	# 15-3-2	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	Negative	Negative	Negative	-	-
Total Br	N.D.	N.D.	N.A.	N.A.	N.A.	50	-

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- RL = Reporting Limit
- Negative : A negative test result indicates above positive observation was not found at the testing
- Positive : A positive test result indicated the presence of Cr^{6+}

SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 15-3-3	# 15-4-1	# 15-4-2	# 15-4-3	# 15-5-1	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	Negative	N.A.	N.A.	-	-
Total Br	319 267	N.A.	N.A.	344 154	N.D.	50	-

Test Item	# 15-5-2	# 15-5-3	# 15-5-4	# 15-6	# 15-7	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	N.A.	Negative	Negative	N.A.	-	-
Total Br	N.A.	N.D.	N.A.	N.A.	2 812	50	-

Test Item	# 15-8-1	# 15-8-2	# 15-8-3	# 15-8-4	# 16	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	192 253	875	30	50
Spot Test (Cr^{6+})	Negative	Negative	N.A.	Negative	Negative	-	-
Total Br	N.A.	N.A.	N.D.	N.A.	N.A.	50	-

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- RL = Reporting Limit
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SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 17	# 18-1	# 18-2	# 18-3	# 18-4	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	622	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	1 117	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Positive	N.A.	N.A.	Negative	Negative	-	-
Total Br	N.A.	N.D.	N.D.	N.A.	N.A.	50	-

Test Item	# 18-5	# 18-6	# 18-7	# 18-8	# 18-9	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	N.A.	Negative	N.A.	N.A.	-	-
Total Br	N.A.	N.D.	N.A.	N.D.	N.D.	50	-

Test Item	# 18-10	# 18-11-1	# 18-11-2	# 18-12	# 18-13	RL	
						Polymer	Metal
Lead	N.D.	109	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	Negative	N.A.	N.A.	-	-
Total Br	N.D.	146 408	N.A.	N.D.	N.D.	50	-

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- RL = Reporting Limit
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SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 18-14	# 18-15	# 18-16	# 18-17	# 18-18-1	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	N.A.	N.A.	Negative	-	-
Total Br	N.D.	N.A.	N.D.	N.D.	N.A.	50	-

Test Item	# 18-18-2	# 18-19	# 18-20	# 18-21	# 18-22	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	N.D.	50	-

Test Item	# 19-1	# 19-2	# 19-3-1	# 19-3-2	# 19-3-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	8 769	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	Negative	N.A.	N.A.	N.A.	-	-
Total Br	N.A.	N.A.	N.D.	N.D.	N.D.	50	-

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SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 19-3-4	# 19-3-5	# 19-3-6	# 19-3-7	# 19-3-8	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	261	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	Negative	Negative	N.A.	-	-
Total Br	N.D.	N.D.	N.A.	N.A.	159 293	50	-

Test Item	# 19-3-9	# 19-4	# 19-5-1	# 19-5-2	# 19-5-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	Negative	Negative	-	-
Total Br	N.D.	N.D.	N.D.	N.A.	N.A.	50	-

Test Item	# 19-6-1	# 19-6-2	# 19-7	# 19-8-1	# 19-8-2	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	N.A.	N.A.	Negative	-	-
Total Br	N.D.	N.A.	N.D.	N.D.	N.A.	50	-

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SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 19-9-1	# 19-9-2	# 19-10-1	# 19-10-2	# 19-10-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	Negative	Negative	N.A.	-	-
Total Br	N.D.	N.A.	N.A.	N.A.	N.D.	50	-

Test Item	# 19-11	# 19-12	# 19-13-1	# 19-13-2	# 19-13-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.A.	518	106 565	N.D.	N.D.	50	-

Test Item	# 19-14-1	# 19-14-2	# 19-15	# 19-16	# 19-17	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	1 838	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	Negative	N.A.	Negative	-	-
Total Br	432 741	N.A.	N.A.	N.D.	N.A.	50	-

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- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
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SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 19-18-1	# 19-18-2	# 19-18-3	# 19-19-1	# 19-19-2	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	N.D.	50	-

Test Item	# 19-19-3	# 19-19-4	# 19-19-5	# 19-20-1	# 19-20-2	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	N.D.	50	-

Test Item	# 19-20-3	# 19-20-4	# 19-20-5	# 19-20-6	# 19-20-7	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	178 967	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	Negative	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.A.	N.D.	50	-

Remark

- < = less than
- N.D. = not detected (concentration of analyte lower than the laboratory reporting limit)
- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
- Positive = A positive test result indicated the presence of Cr^{6+}

SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 19-20-8	# 19-20-9	# 19-21	# 19-22	# 19-23-1	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	N.A.	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	N.D.	50	-

Test Item	# 19-23-2	# 20	# 21-1-1	# 21-1-2	# 21-1-3	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	166 330	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	N.A.	Negative	Negative	-	-
Total Br	N.D.	N.A.	329 915	N.A.	N.A.	50	-

Test Item	# 21-2-1	# 21-2-2	# 21-3-1	# 21-3-2	# 21-4-1	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	N.A.	Negative	Negative	N.A.	N.A.	-	-
Total Br	N.D.	N.A.	N.A.	N.D.	364 798	50	-

Remark

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- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
- Positive = A positive test result indicated the presence of Cr^{6+}

SCREENING (ED-XRF, Spot Test)

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 21-4-2	# 21-4-3	# 21-5	# 22-1	# 22-2	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	24 739	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	N.D.	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	N.D.	50	100
Total Cr	N.D.	N.D.	N.D.	N.D.	N.D.	30	50
Spot Test (Cr^{6+})	Negative	Negative	N.A.	N.A.	Negative	-	-
Total Br	N.A.	N.A.	3 452	N.D.	N.A.	50	-

Test Item	# 22-3-1	# 22-3-2	# 22-3-3	# 22-3-4	-	RL	
						Polymer	Metal
Lead	N.D.	N.D.	N.D.	N.D.	-	50	100
Cadmium	N.D.	N.D.	N.D.	N.D.	-	20	50
Mercury	N.D.	N.D.	N.D.	N.D.	-	50	100
Total Cr	63	N.D.	N.D.	N.D.	-	30	50
Spot Test (Cr^{6+})	N.A.	N.A.	N.A.	N.A.	-	-	-
Total Br	N.D.	N.D.	N.D.	N.D.	-	50	-

Remark

- < = less than
- N.D. = not detected (concentration of analyte lower than the laboratory reporting limit)
- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
- Positive = A positive test result indicated the presence of Cr^{6+}

PRECISION ANALYSIS

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg

Test Item	# 12-6-1	# 13-1-1	# 14-4	# 15-1-1	# 15-3-3	RL	REQUIREMENTS
Lead	N.A.	N.A.	N.A.	N.A.	N.A.	< 5	1 000
Cadmium	N.A.	N.A.	N.A.	N.A.	N.A.	< 2	100
Mercury	N.A.	N.A.	N.A.	N.A.	N.A.	< 2	1 000
Hexavalent Chromium	N.A.	N.A.	N.A.	N.A.	N.A.	< 1	1 000
PBBs	N.D.	N.D.	N.D.	N.D.	N.D.	< 5	1 000
PBDEs	N.D.	N.D.	N.D.	N.D.	N.D.	< 5	1 000
Test Item	**# 15-4-3**	**# 15-7**	**# 17**	**# 18-3**	**# 18-11-1**	**RL**	**REQUIREMENTS**
Lead	N.A.	N.A.	N.A.	231	N.A.	< 5	1 000
Cadmium	N.A.	N.A.	N.A.	N.A.	N.A.	< 2	100
Mercury	N.A.	N.A.	N.A.	N.A.	N.A.	< 2	1 000
Hexavalent Chromium	N.A.	N.A.	Negative	N.A.	N.A.	< 1	1 000
PBBs	N.D.	N.D.	N.A.	N.A.	N.D.	< 5	1 000
PBDEs	N.D.	N.D.	N.A.	N.A.	N.D.	< 5	1 000
Test Item	**# 19-3-7**	**# 19-3-8**	**# 19-12**	**# 19-13-1**	**# 19-14-1**	**RL**	**REQUIREMENTS**
Lead	N.A.	N.A.	N.A.	N.A.	N.A.	< 5	1 000
Cadmium	N.D.	N.A.	N.A.	N.A.	N.A.	< 2	100
Mercury	N.A.	N.A.	N.A.	N.A.	N.A.	< 2	1 000
Hexavalent Chromium	N.A.	N.A.	N.A.	N.A.	N.A.	< 1	1 000
PBBs	N.A.	N.D.	N.D.	N.D.	N.D.	< 5	1 000
PBDEs	N.A.	N.D.	N.D.	N.D.	N.D.	< 5	1 000

Remark

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- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
- Positive = A positive test result indicated the presence of Cr^{6+}

PRECISION ANALYSIS

Restriction of Hazardous Substances Directive (RoHS/2011/65/EU), mg/kg							
Test Item	**# 21-1-1**	**# 21-4-1**	**# 21-5**	**# 22-2**	**-**	**RL**	**REQUIREMENTS**
Lead	**N.A.**	**N.A.**	**N.A.**	**26 830**	**-**	**< 5**	**1 000**
Cadmium	**N.A.**	**N.A.**	**N.A.**	**N.A.**	**-**	**< 2**	**100**
Mercury	**N.A.**	**N.A.**	**N.A.**	**N.A.**	**-**	**< 2**	**1 000**
Hexavalent Chromium	**N.A.**	**N.A.**	**N.A.**	**N.A.**	**-**	**< 1**	**1 000**
PBBs	**N.D.**	**N.D.**	**N.D.**	**N.A.**	**-**	**< 5**	**1 000**
PBDEs	**N.D.**	**N.D.**	**N.D.**	**N.A.**	**-**	**< 5**	**1 000**

Remark

- < = less than
- N.D. = not detected (concentration of analyte lower than the laboratory reporting limit)
- N.A. = not applicable
- RL = Reporting Limit
- Negative = A negative test result indicates above positive observation was not found at the testing
- Positive = A positive test result indicated the presence of Cr^{6+}

SAMPLE PICTURE

Remark

- **S = SOLDER**
  P = PAINT
  M = METAL

1

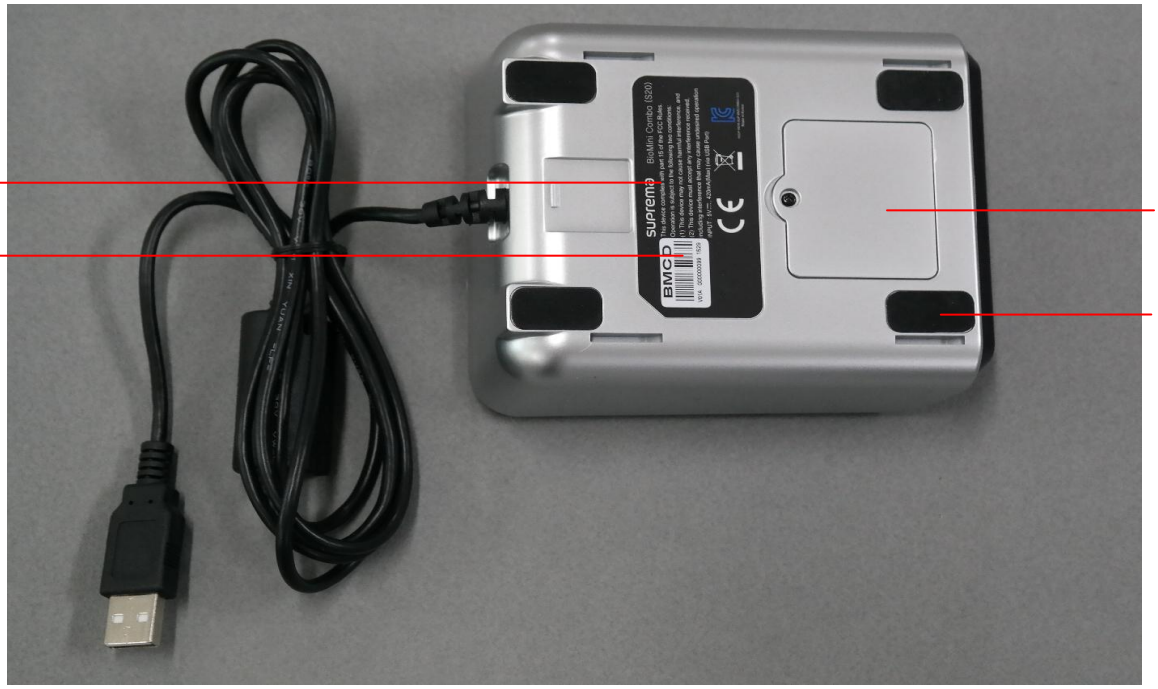


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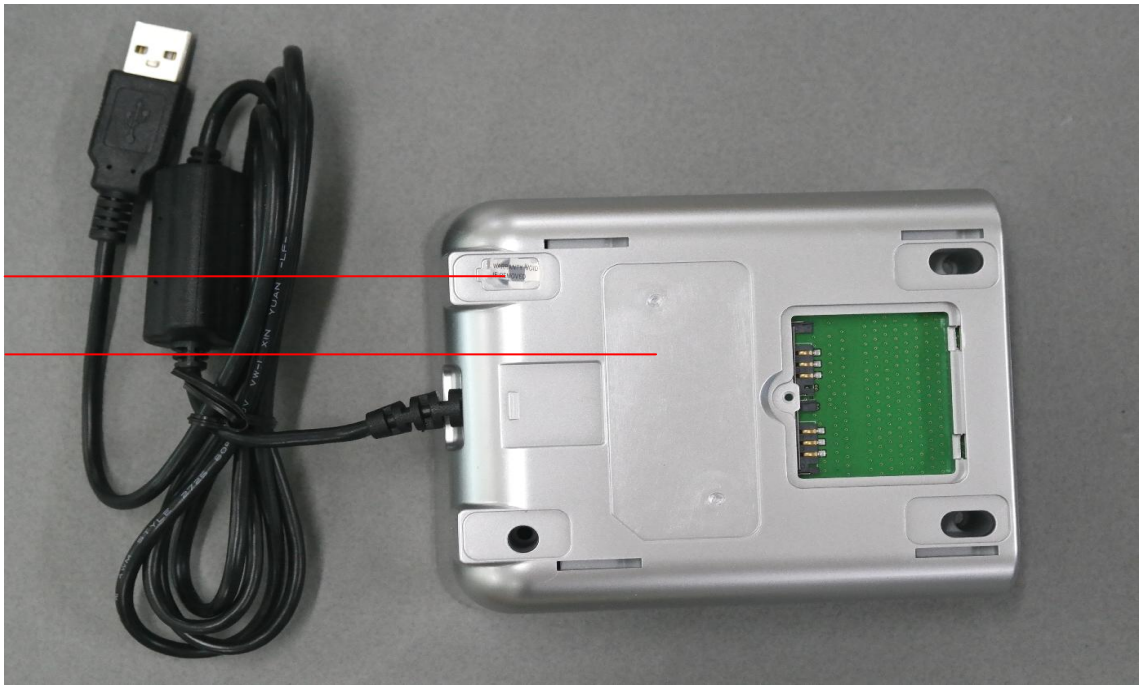
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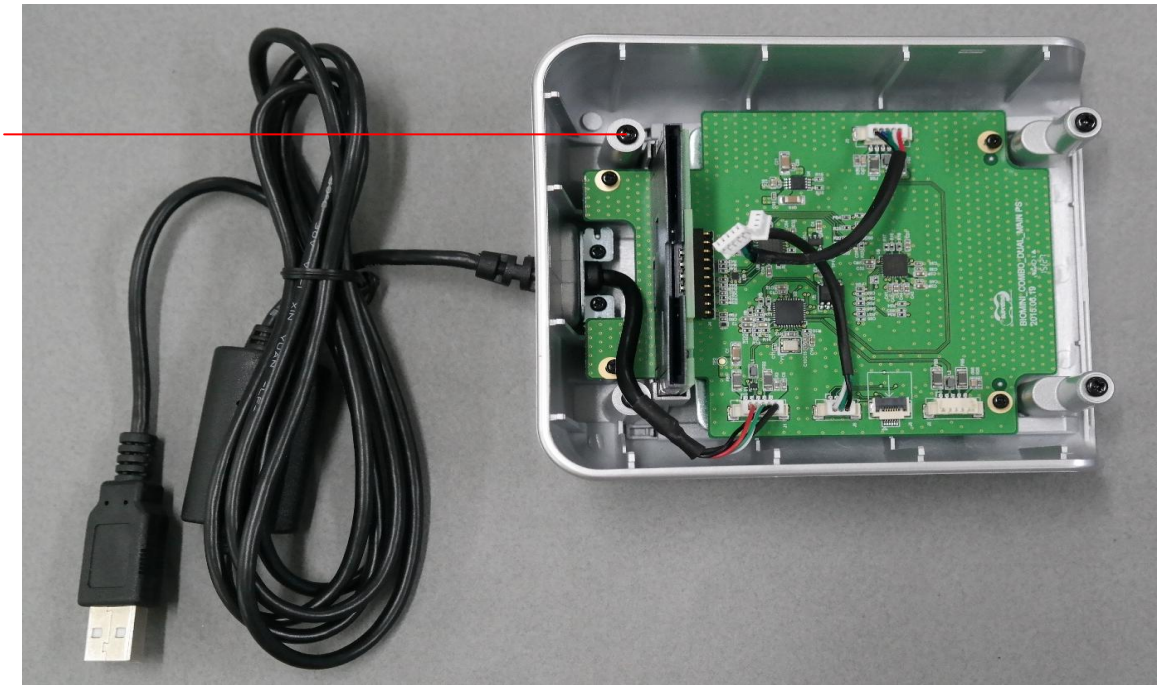



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suprema
BMCD


7-1
7-2


8
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10



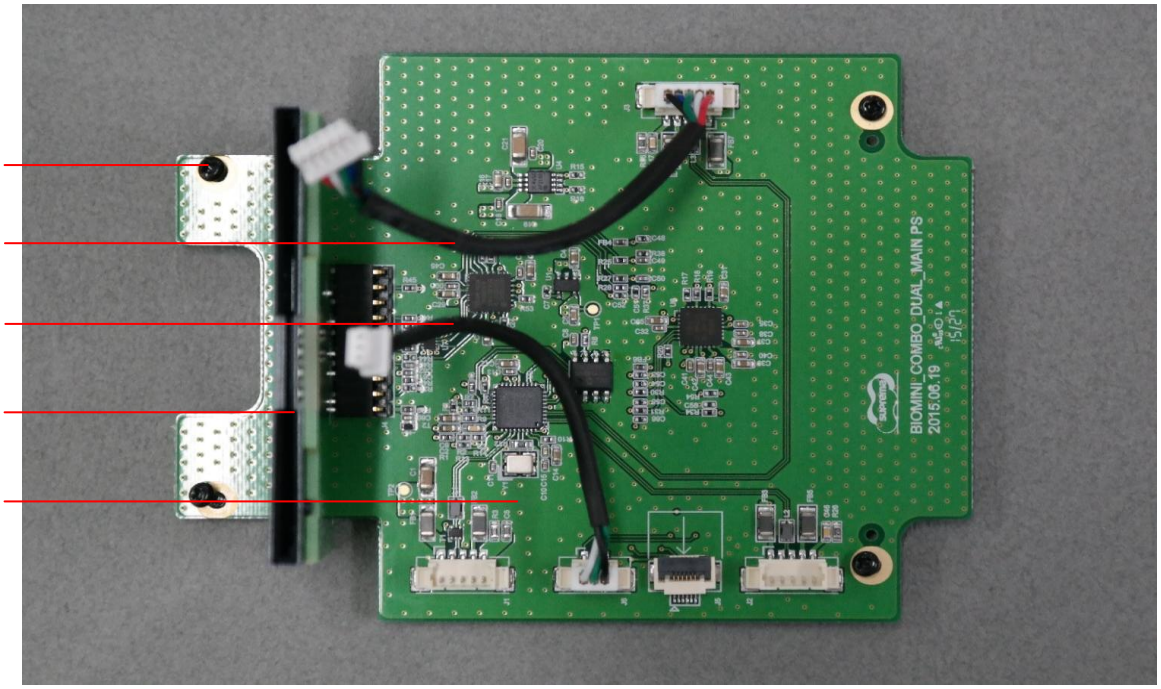
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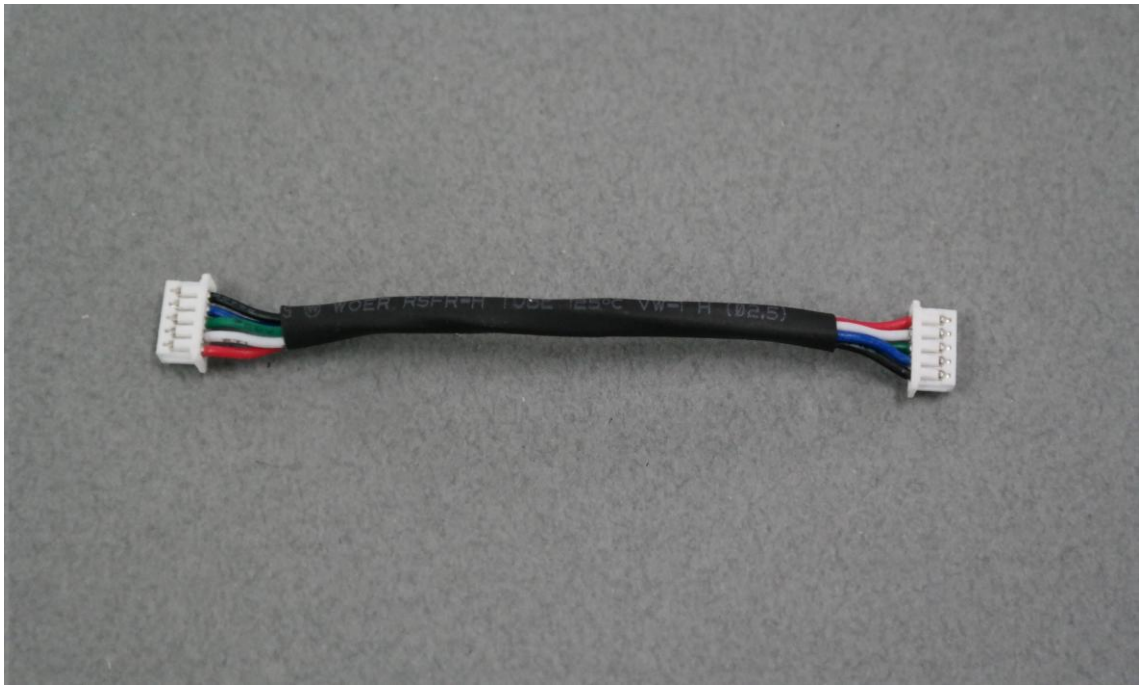
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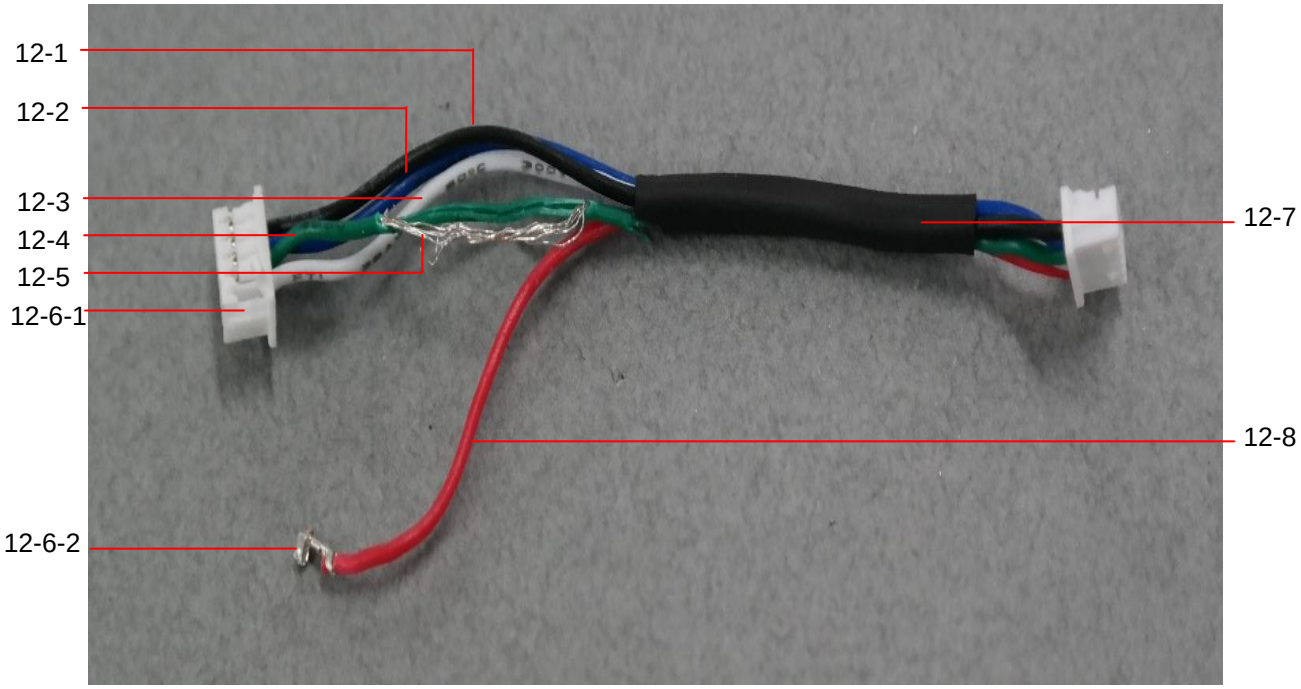
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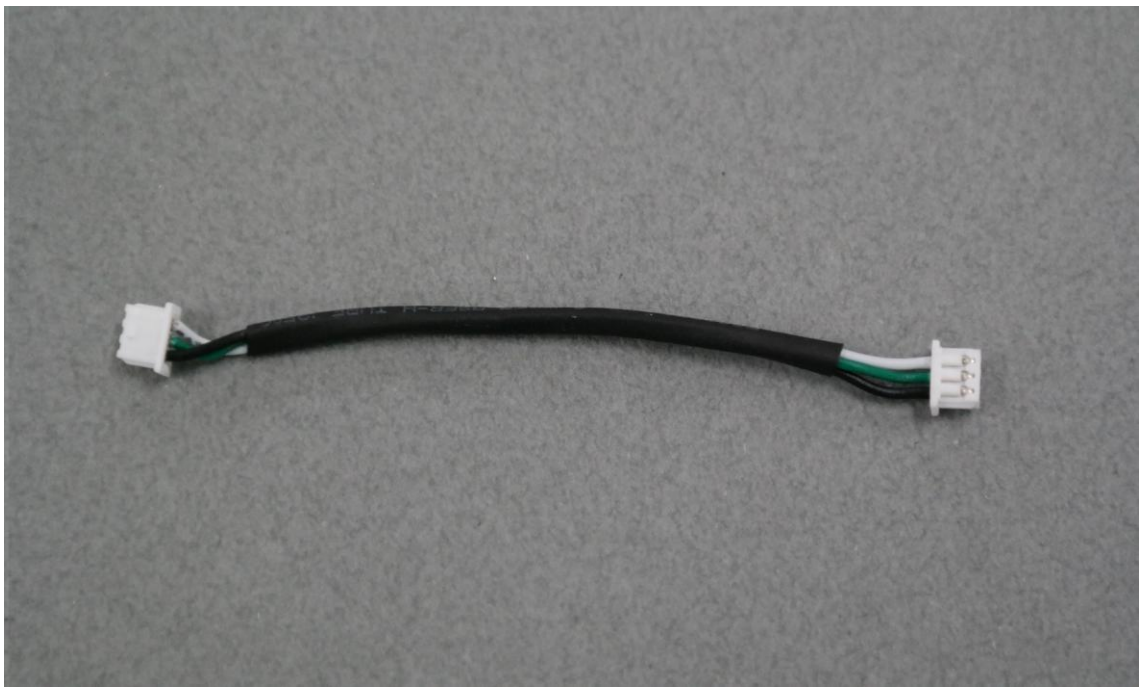
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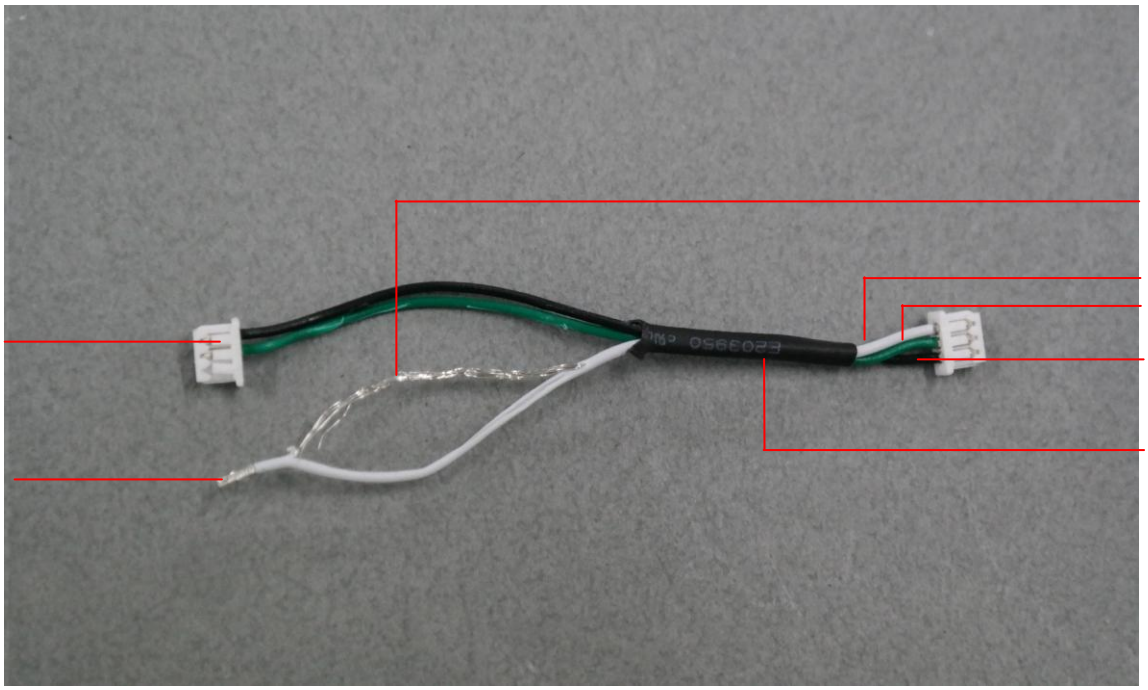
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12-6-2
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12-8

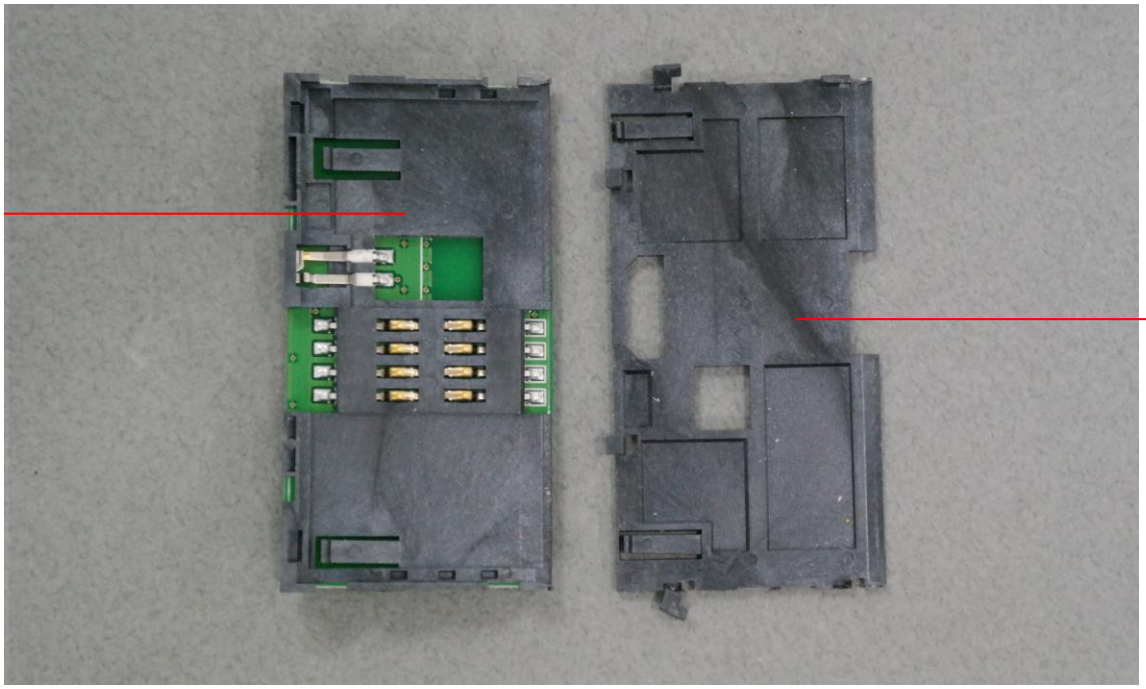



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13-6
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13-1-2

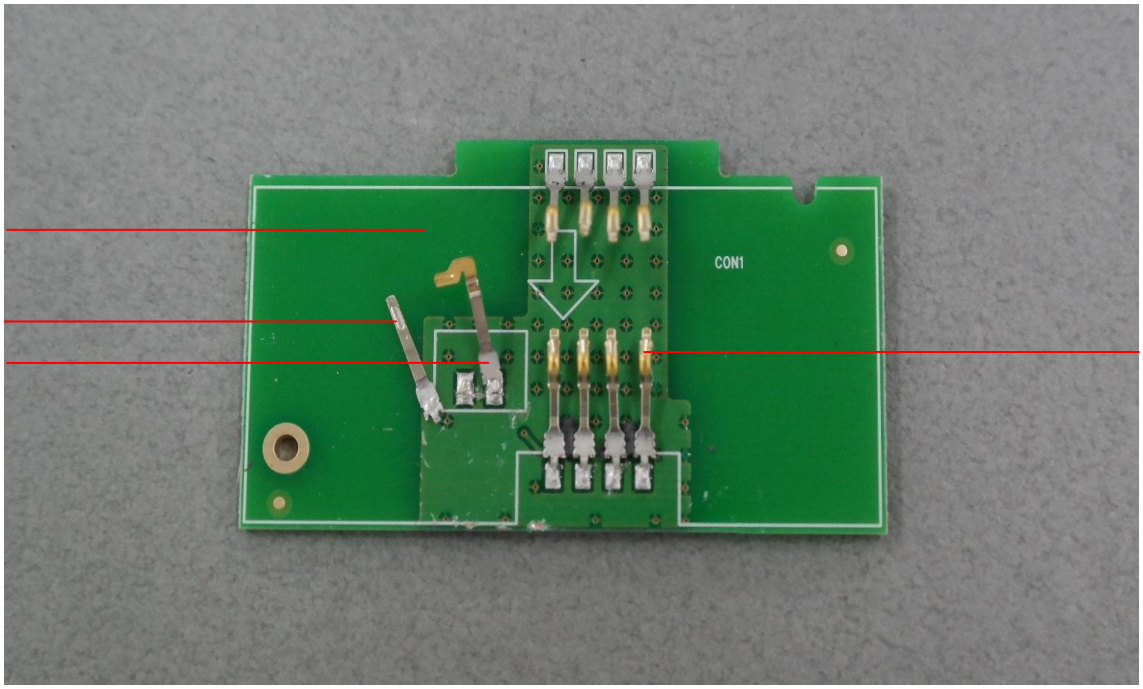
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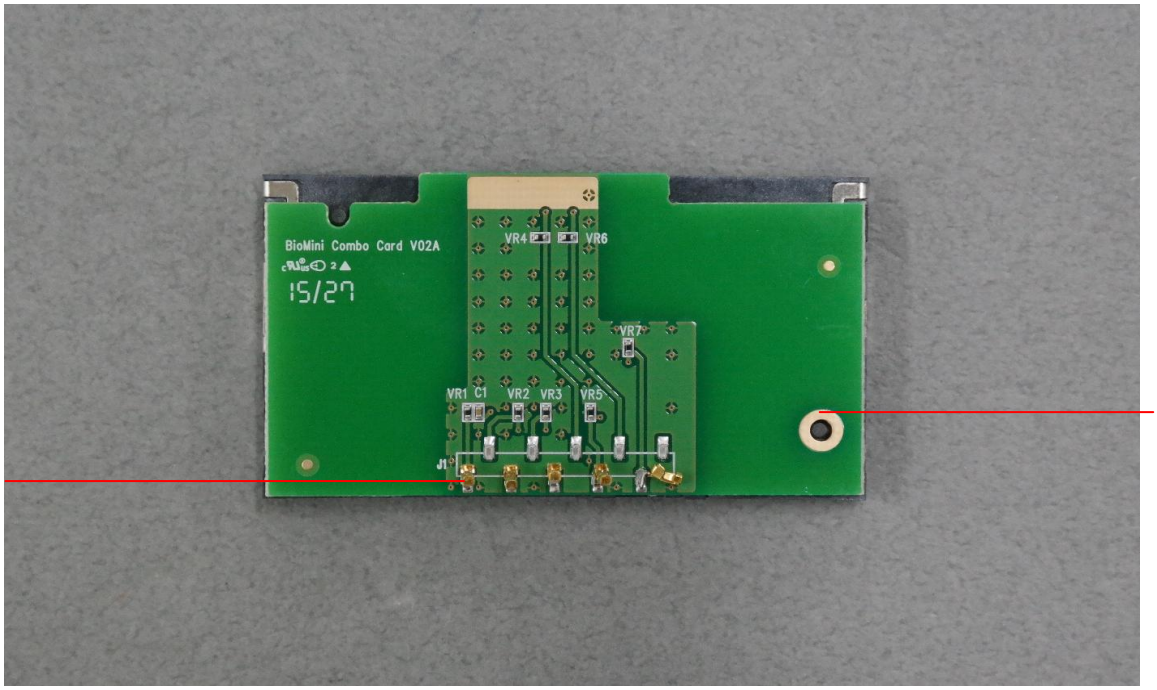


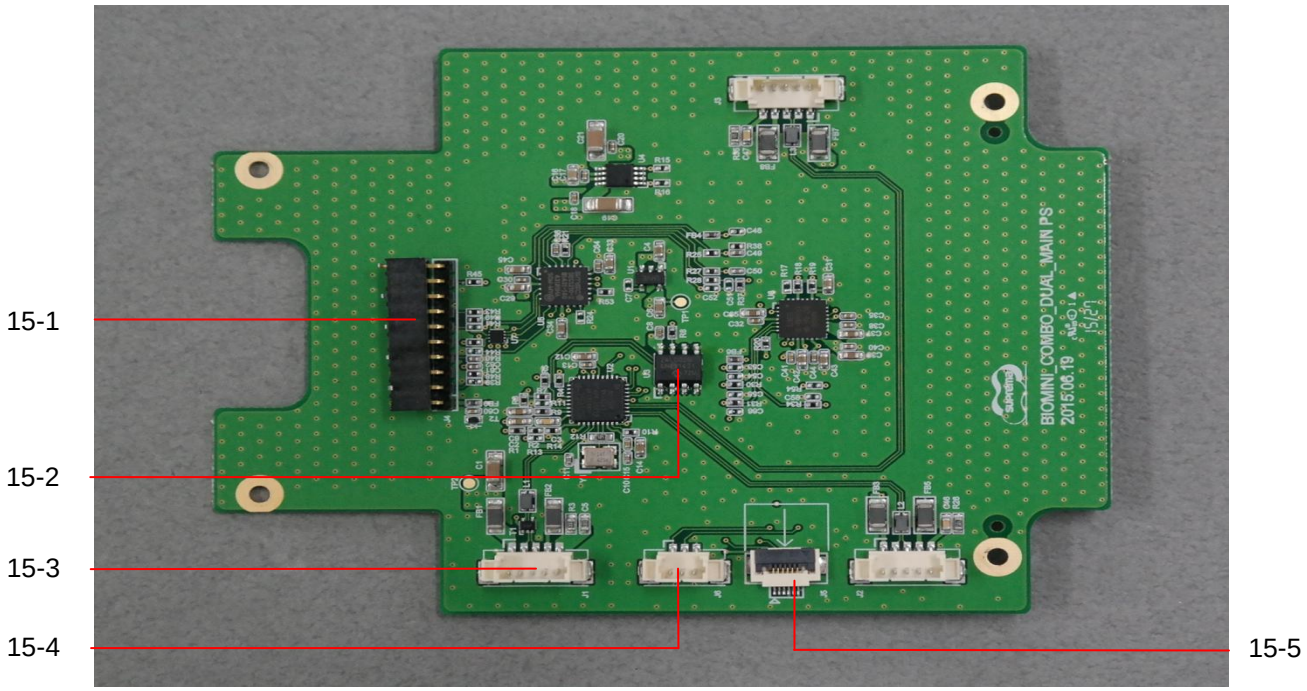
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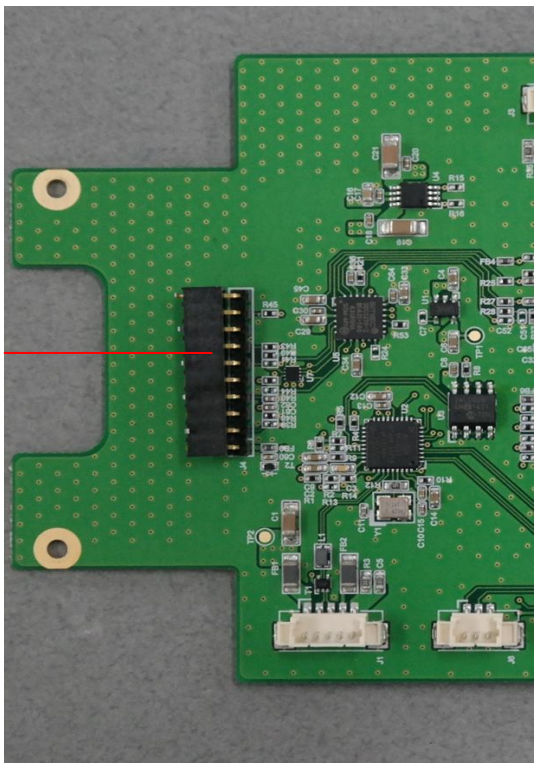


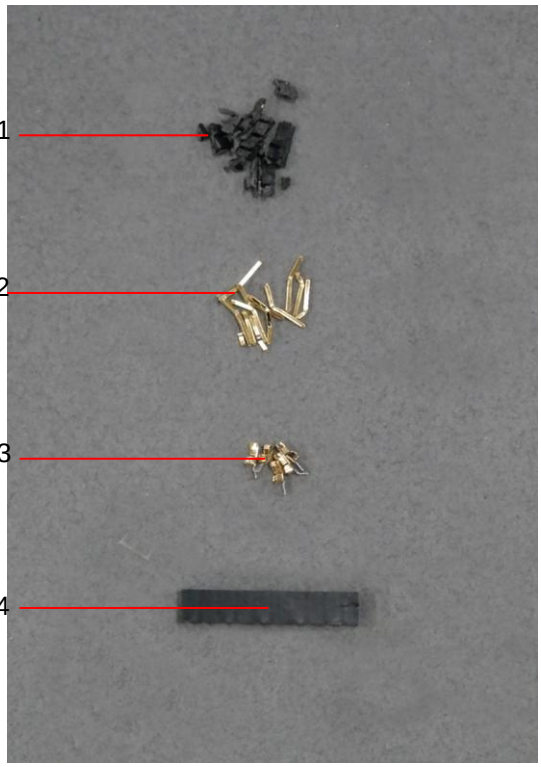
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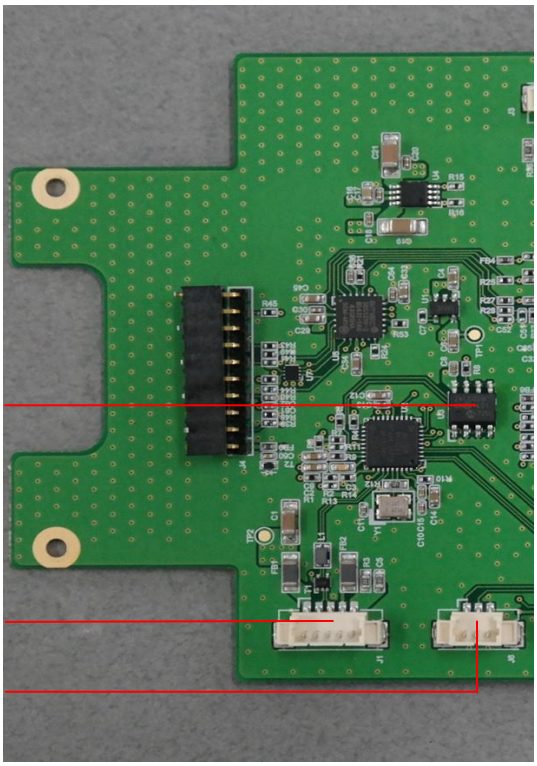

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14-5
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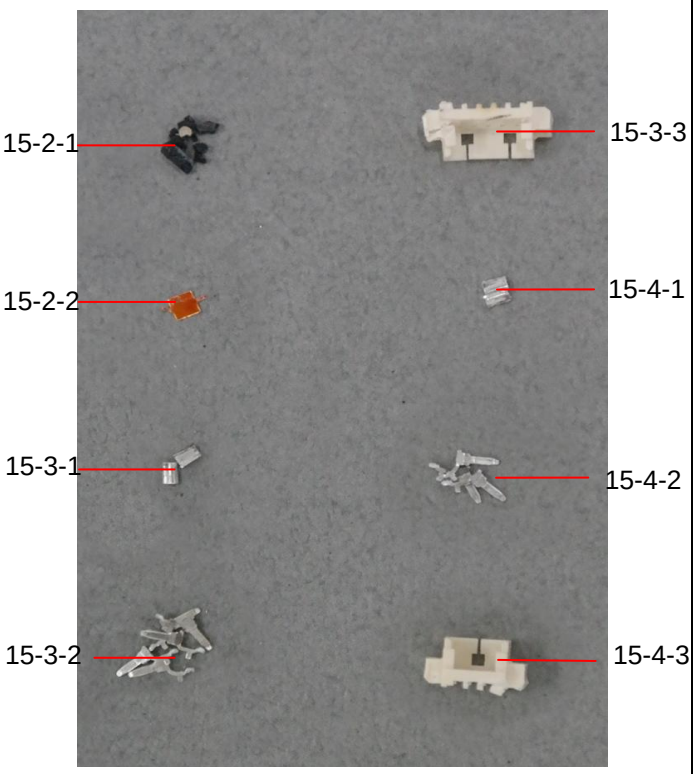

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BioMini Combo Card V02A
15/27
VR4
VR6
VR7
VR1
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VR3
VR5
J1

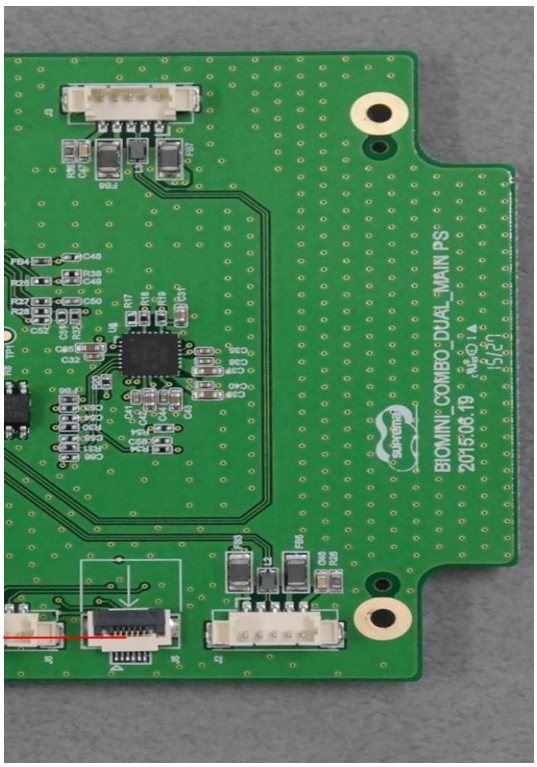

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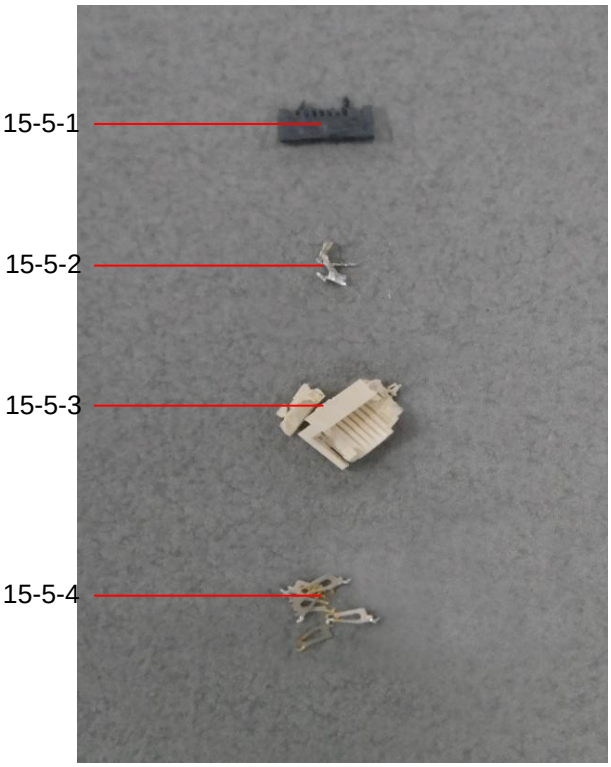

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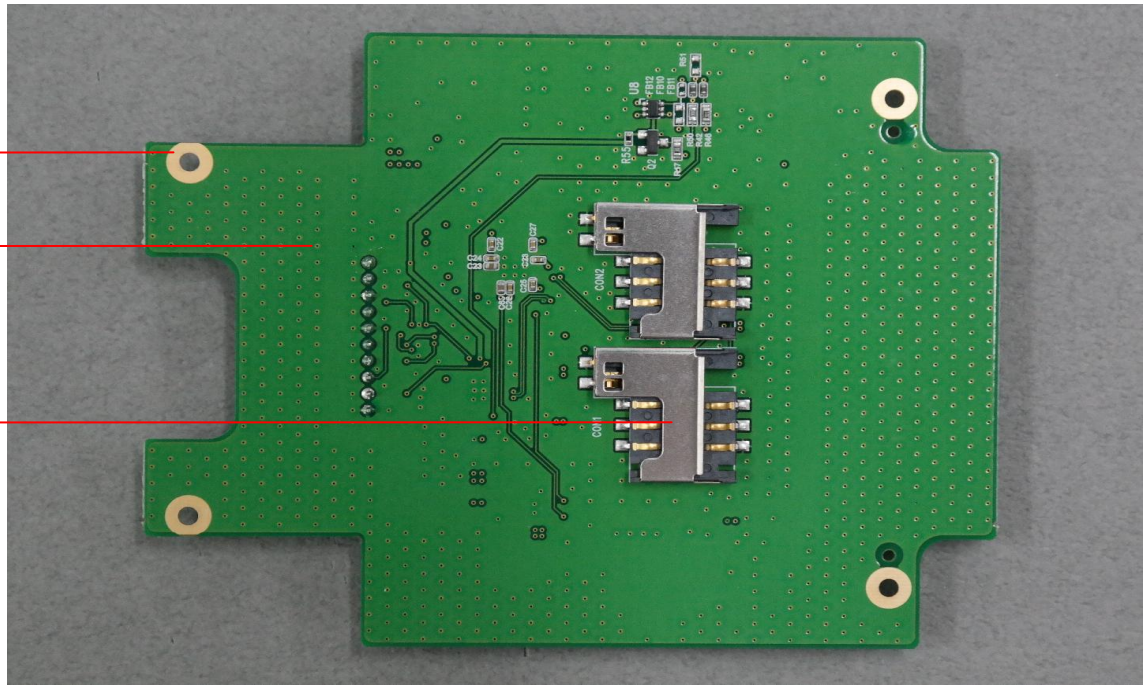

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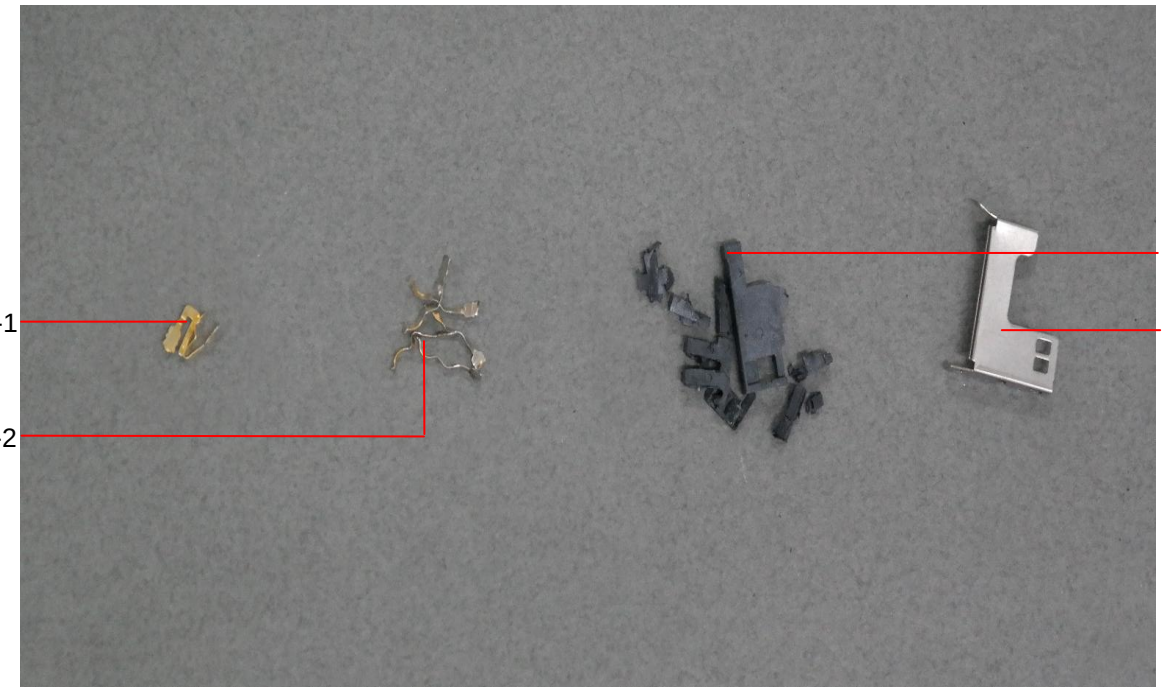

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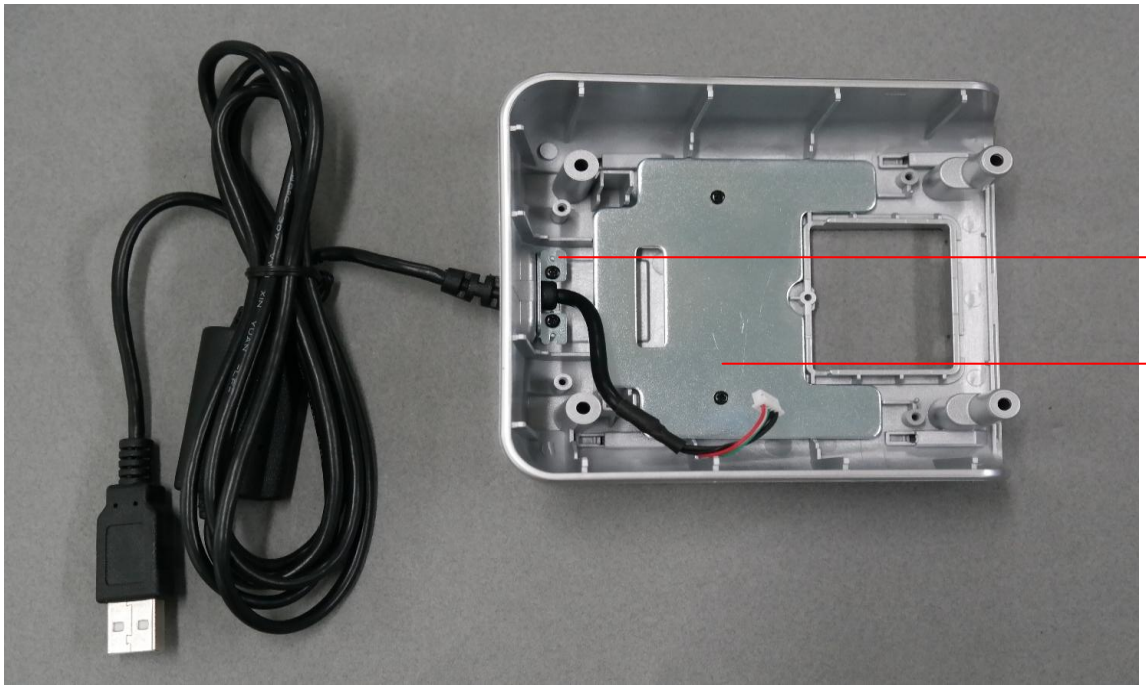

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15-2-2
15-3-1
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15-5
BIOMINI COMBO DUAL MAIN PS
2015.06.19

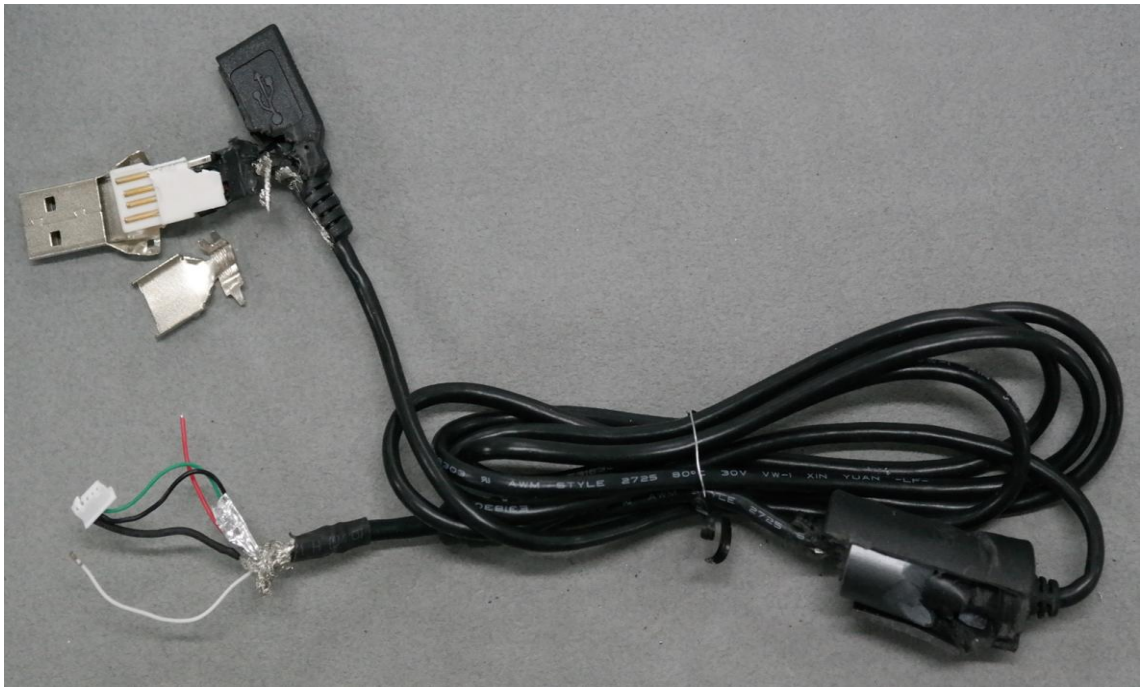

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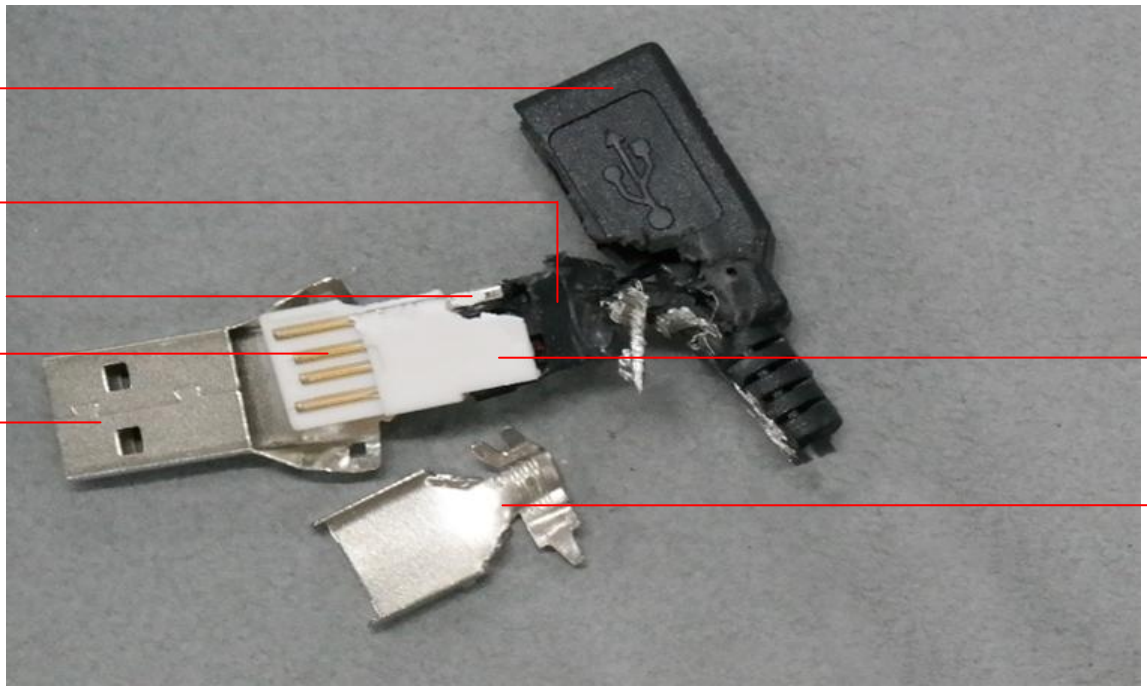

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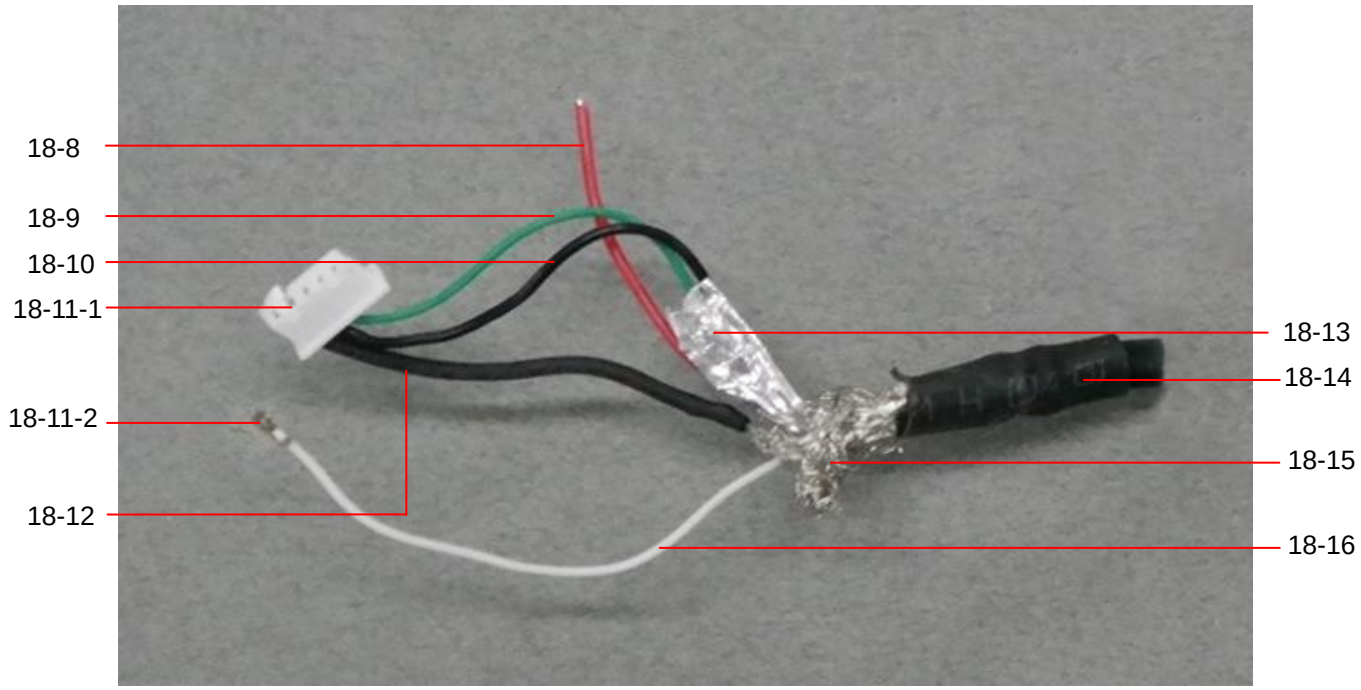

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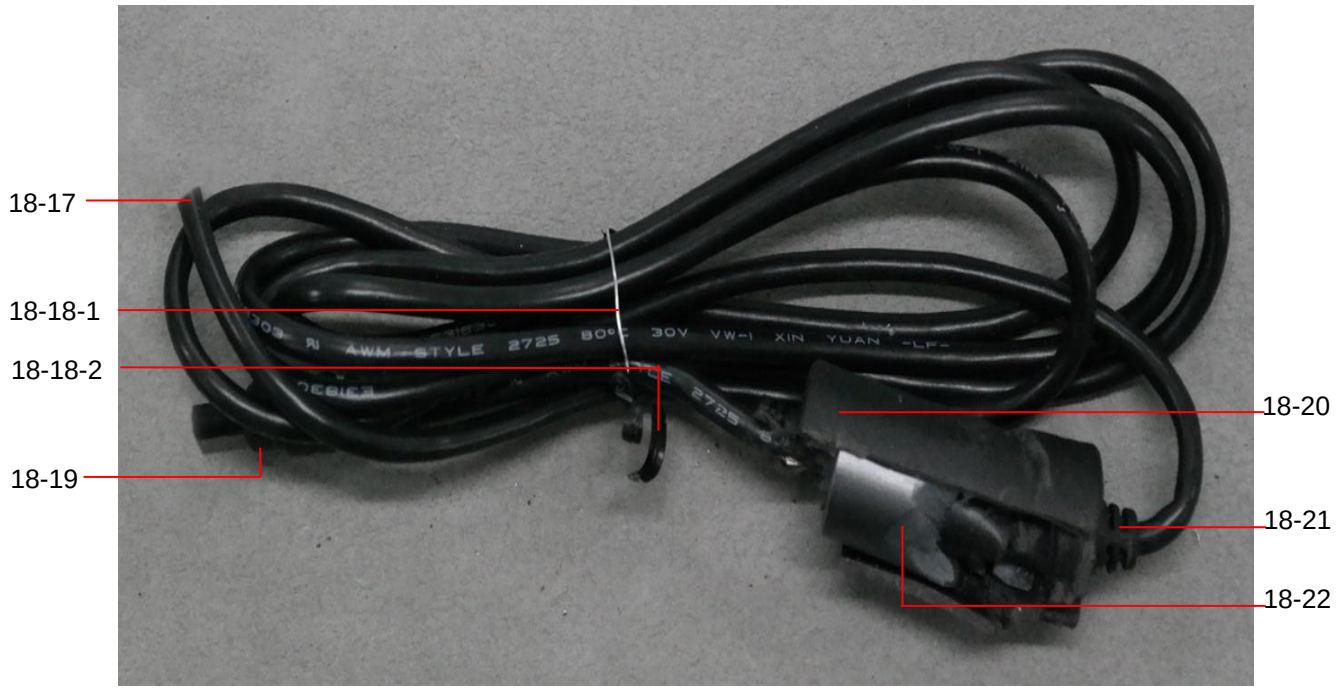

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18

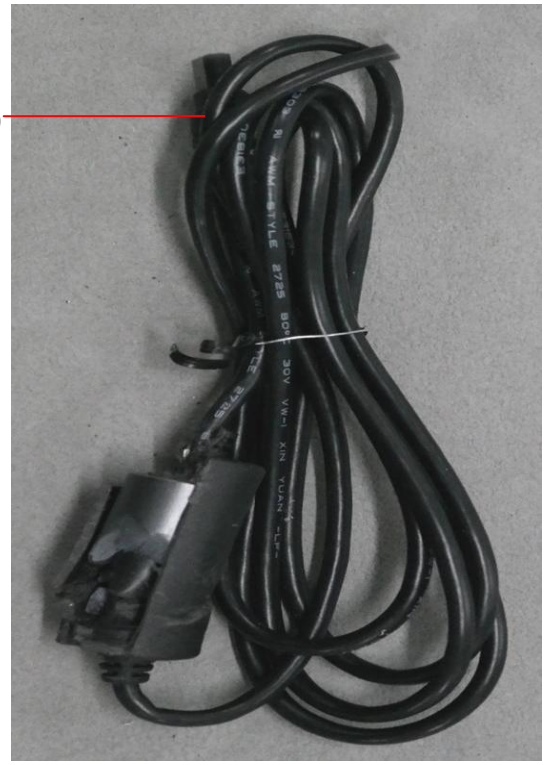



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18-19



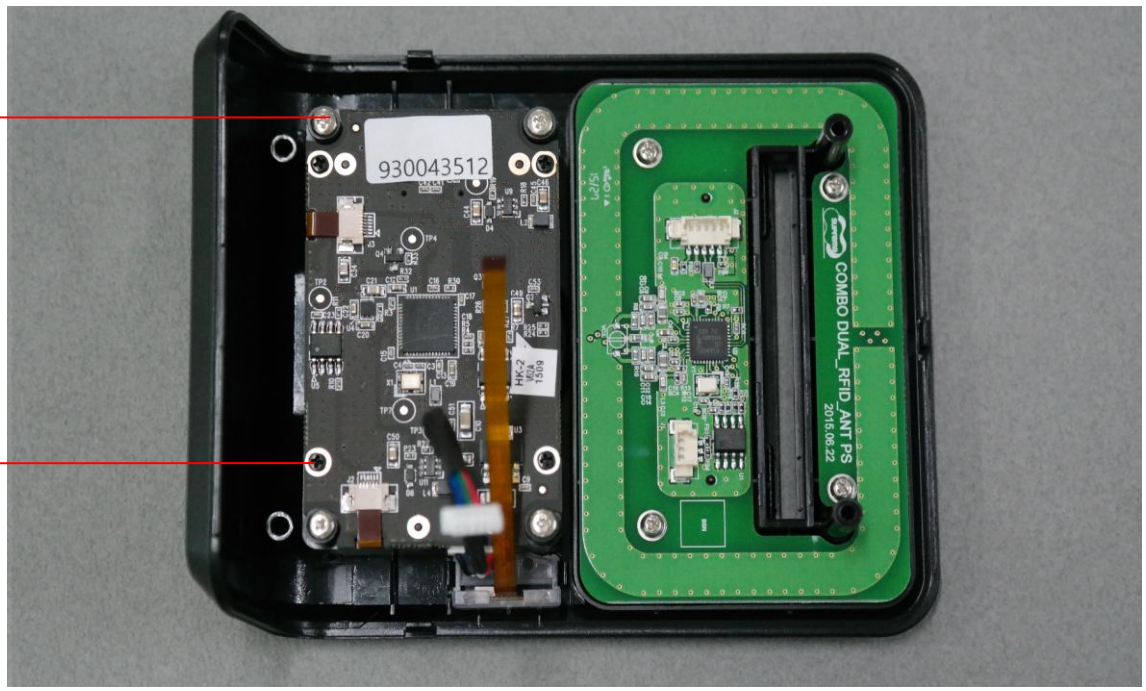
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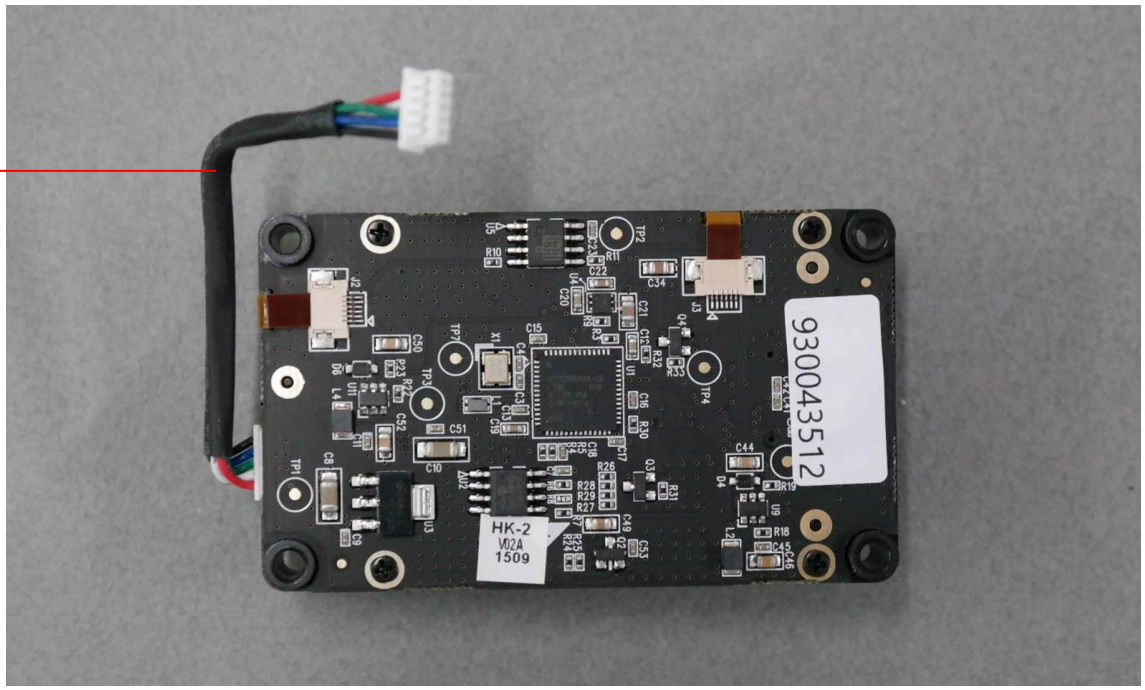
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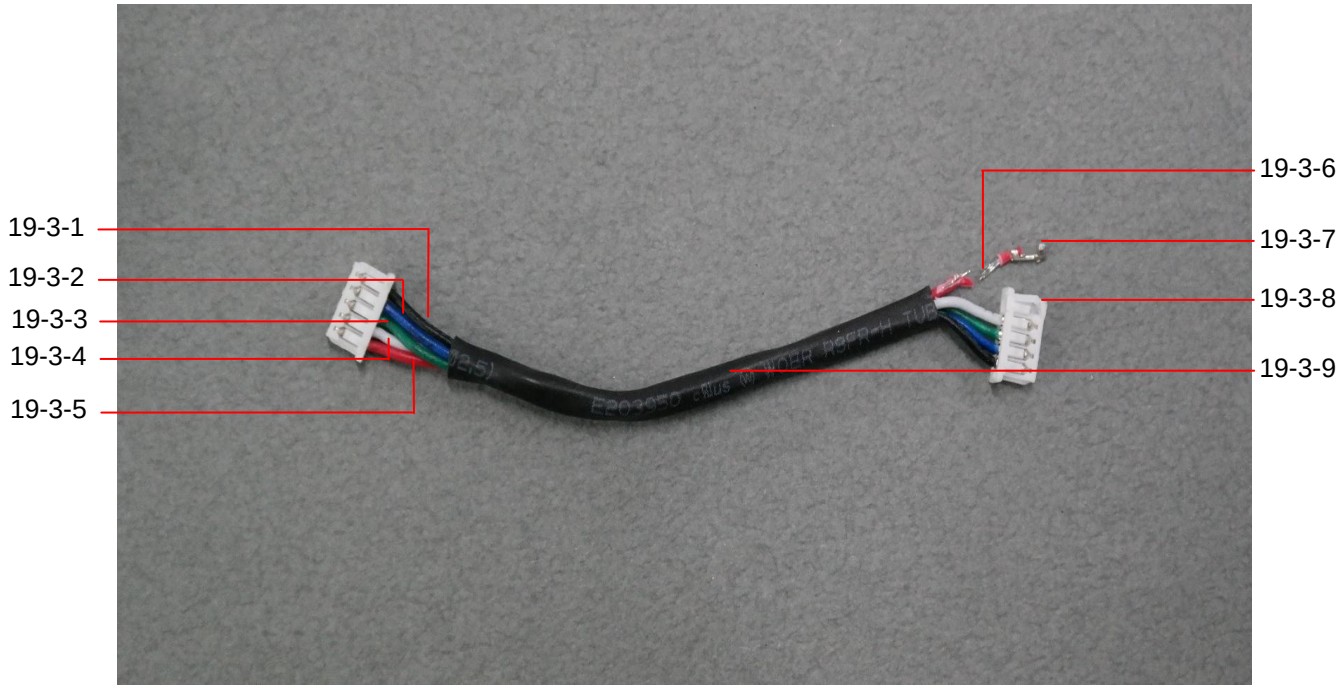
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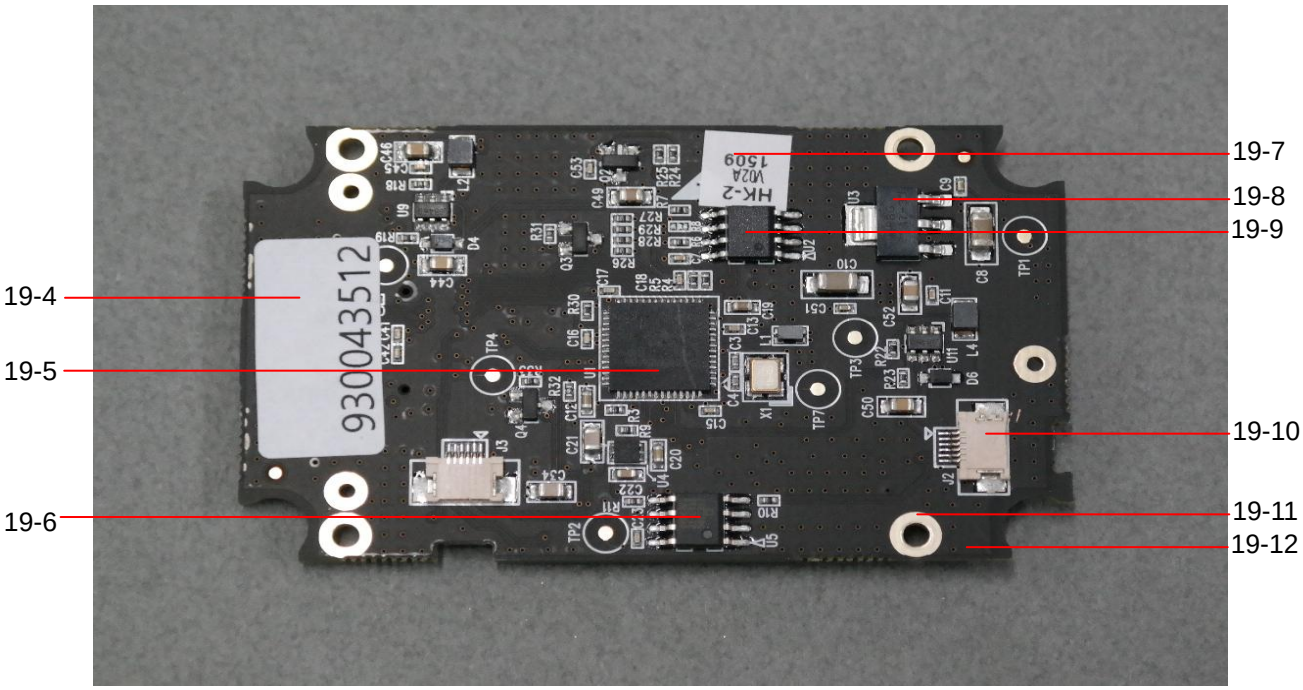

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COMBO DUAL_RFID_ANT PS
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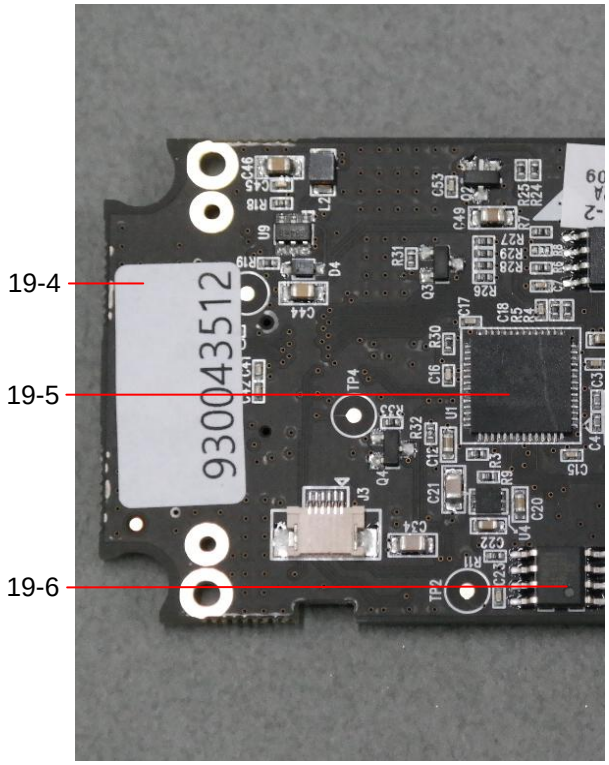
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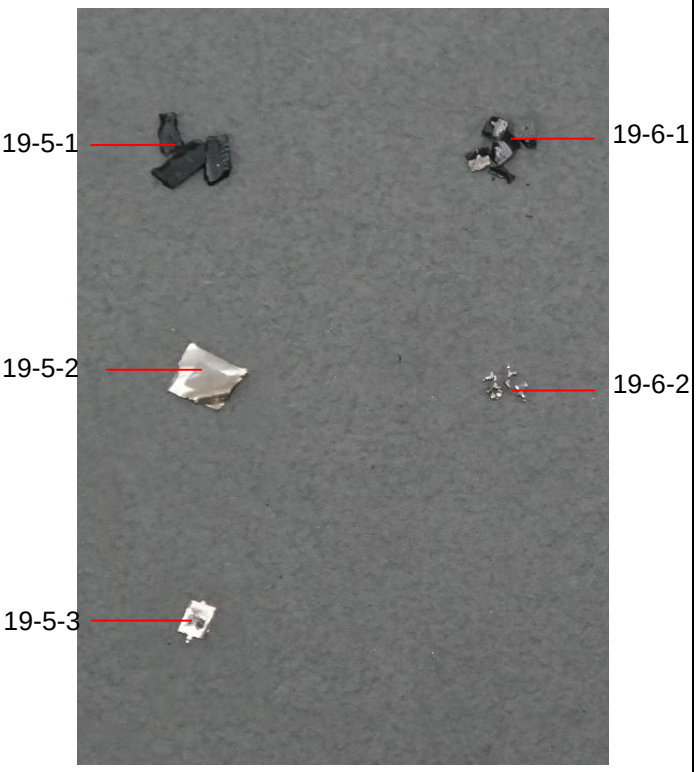
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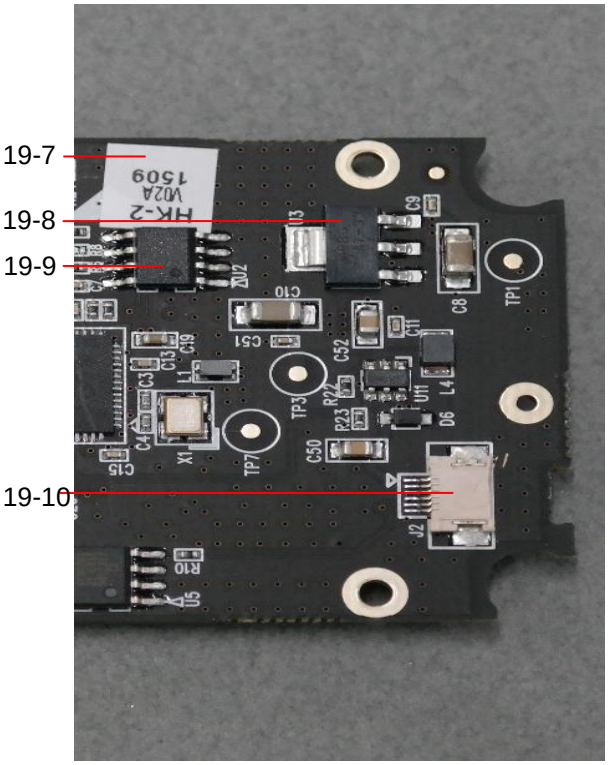

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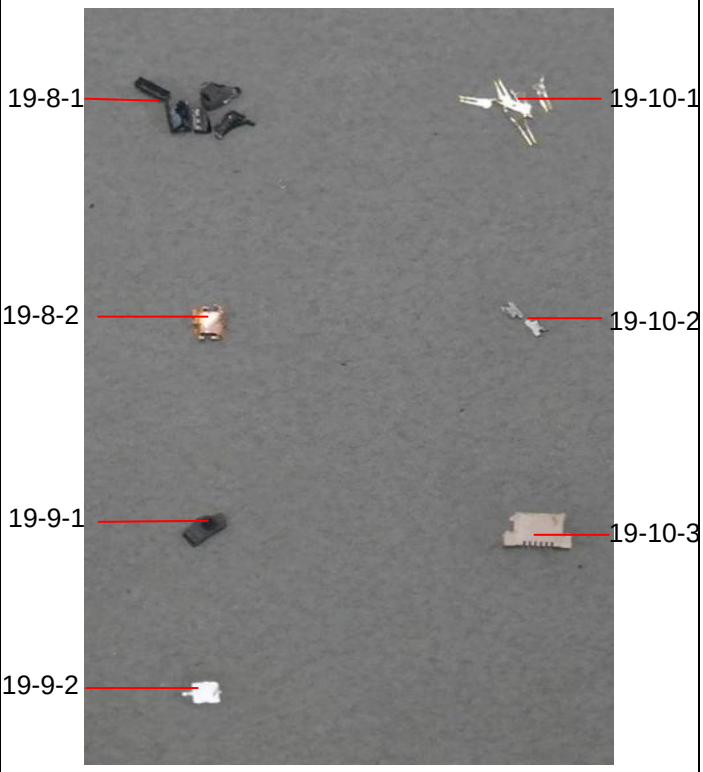

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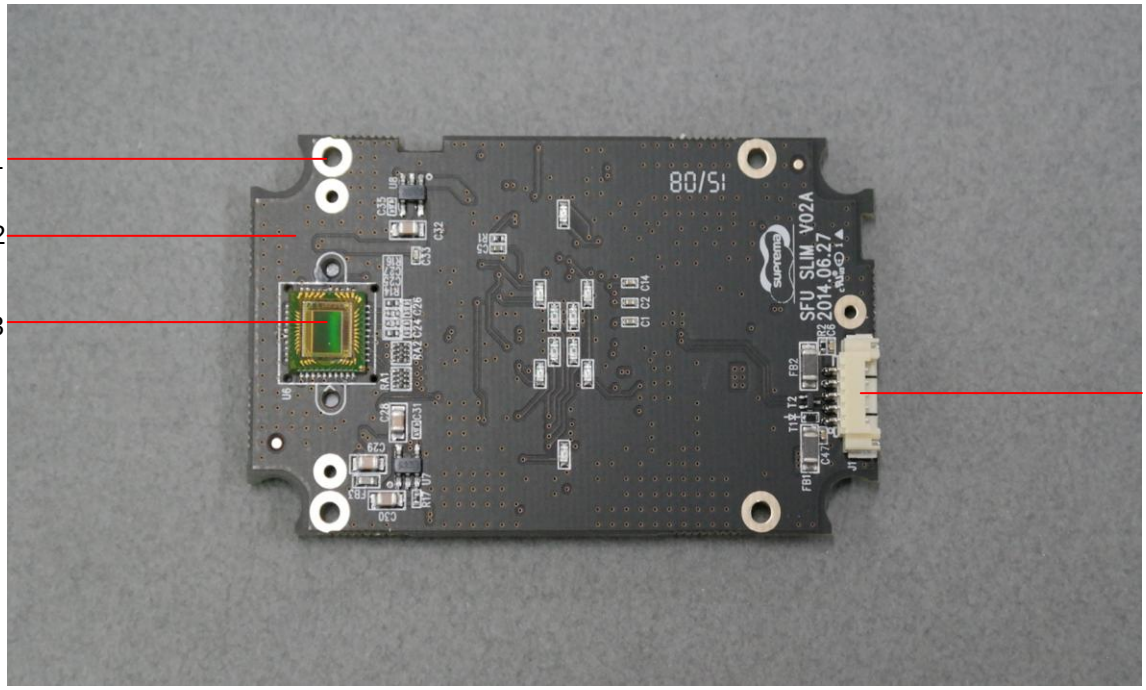

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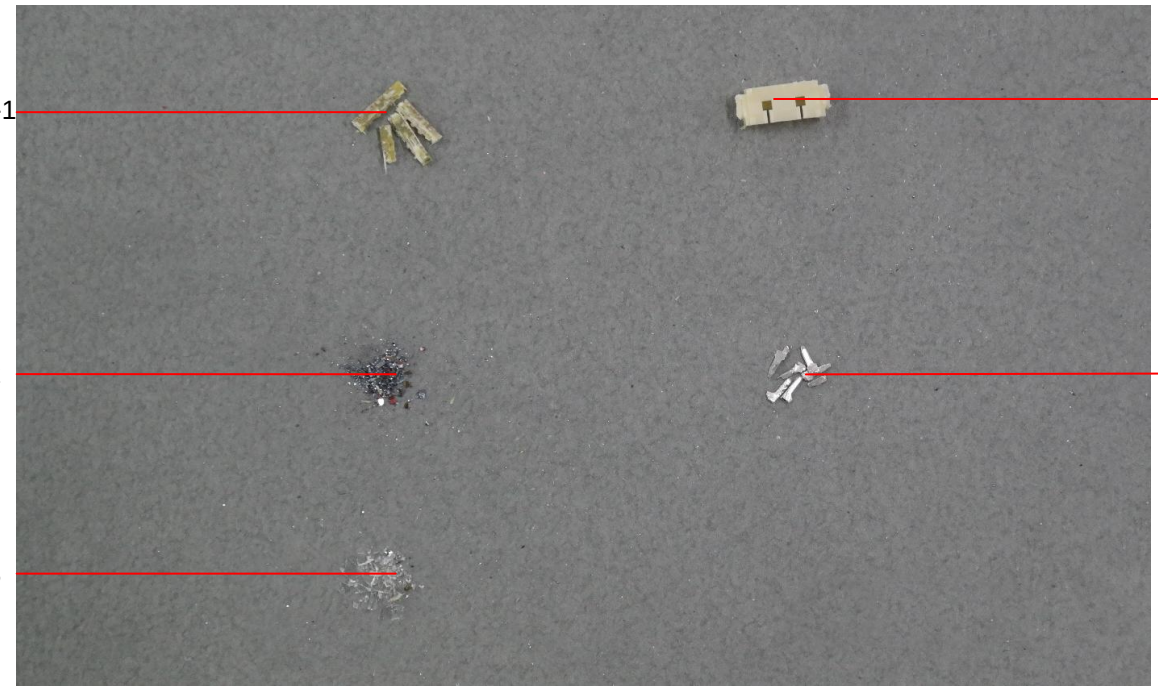

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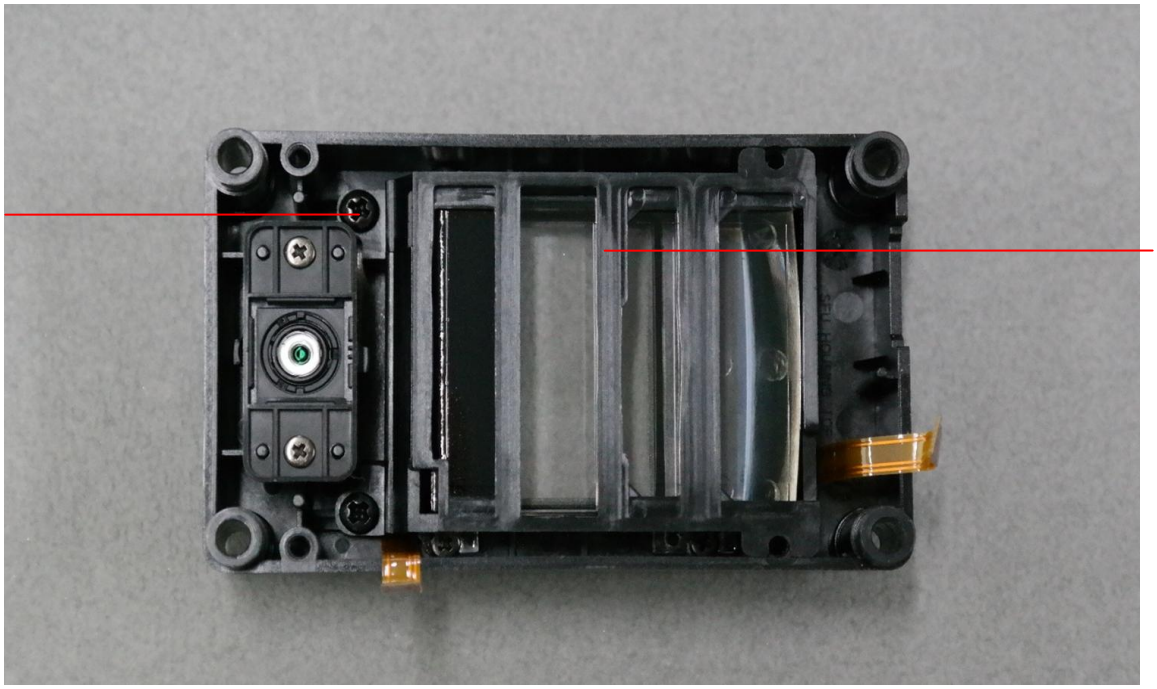

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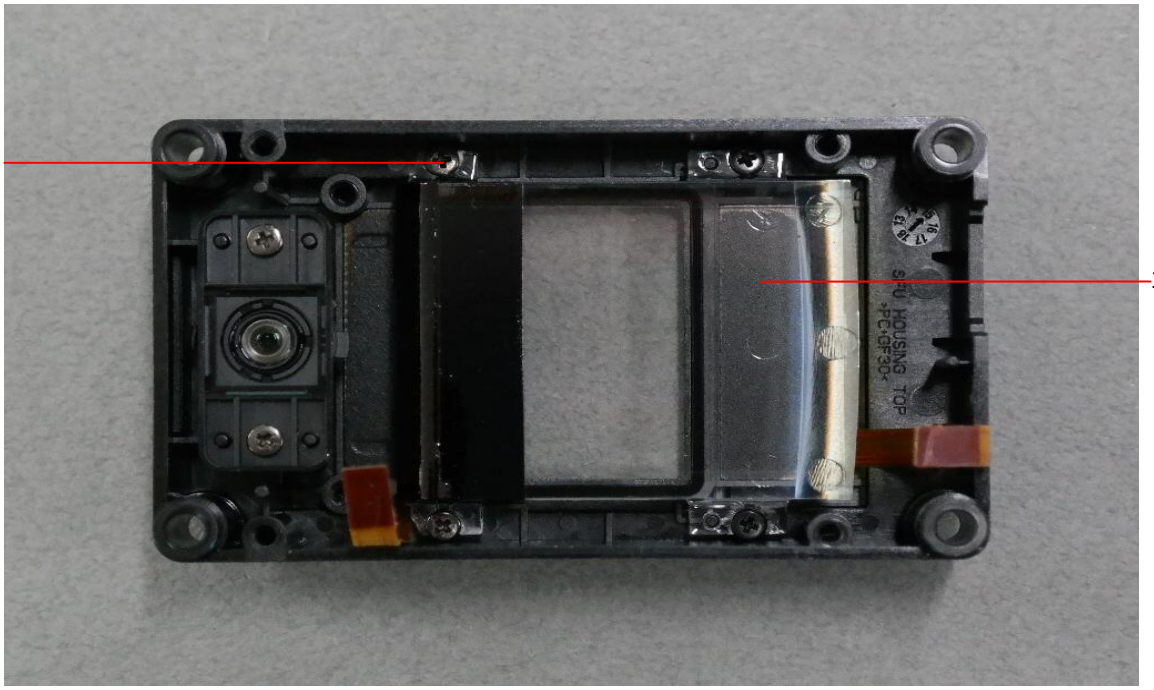

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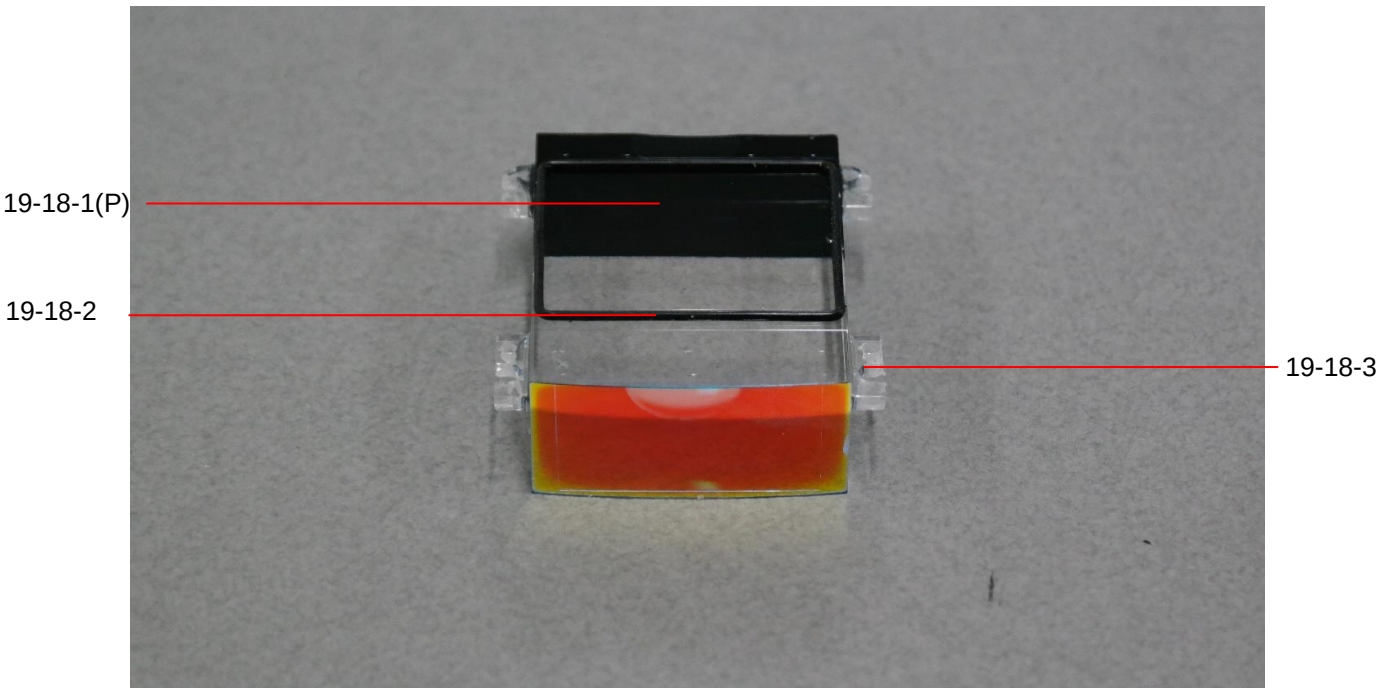

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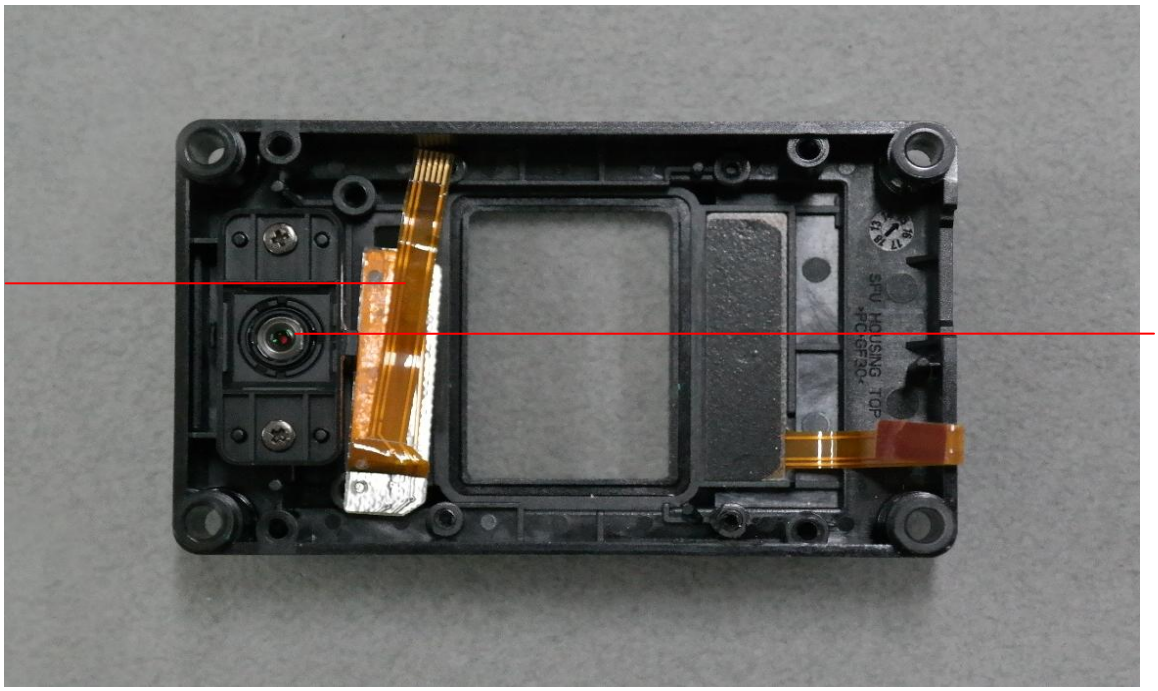

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2014.06.27

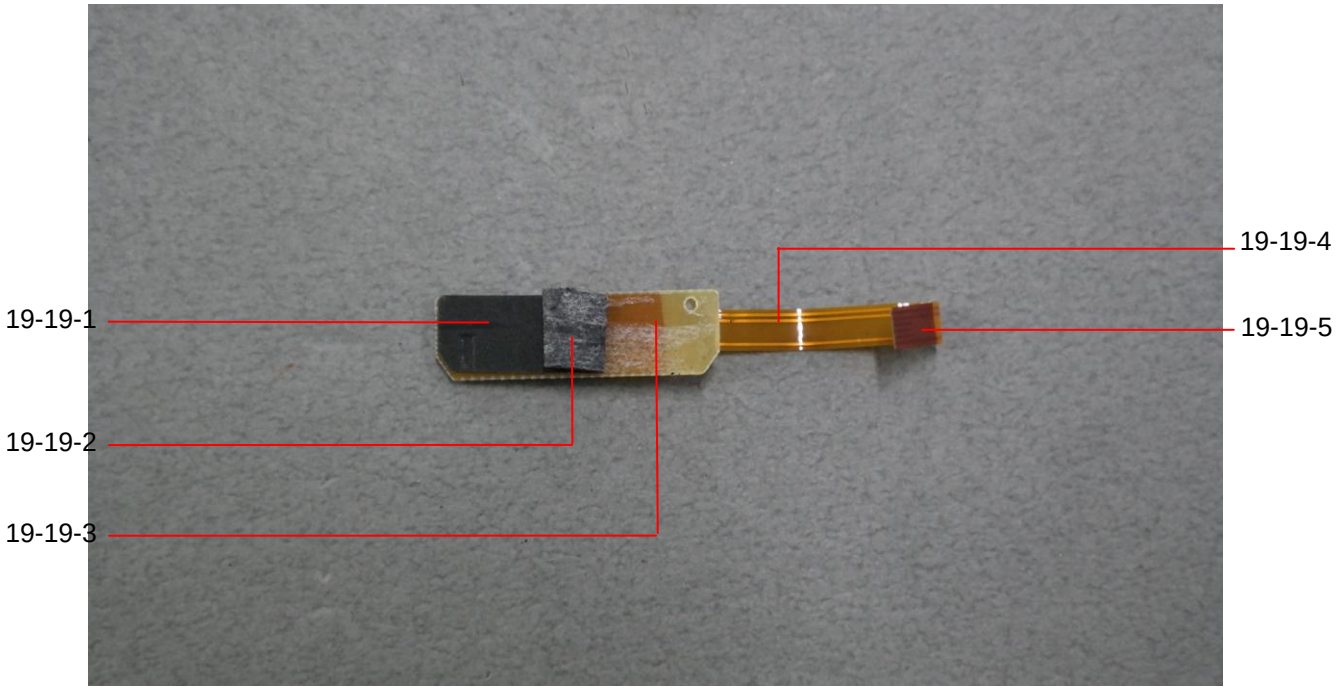

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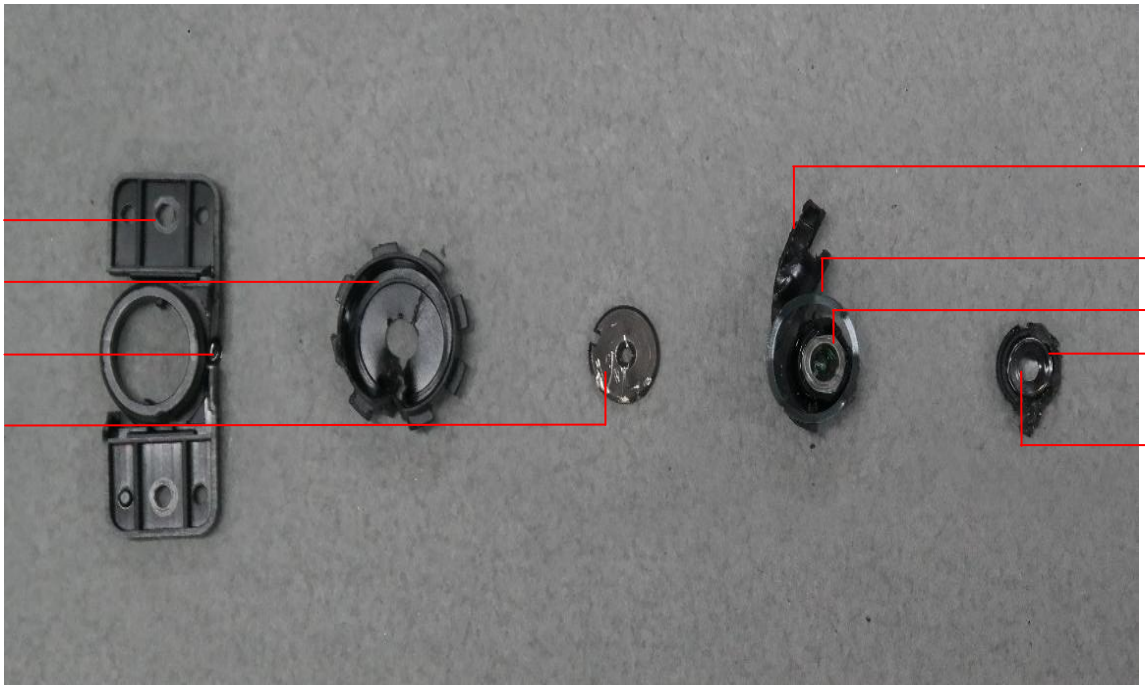

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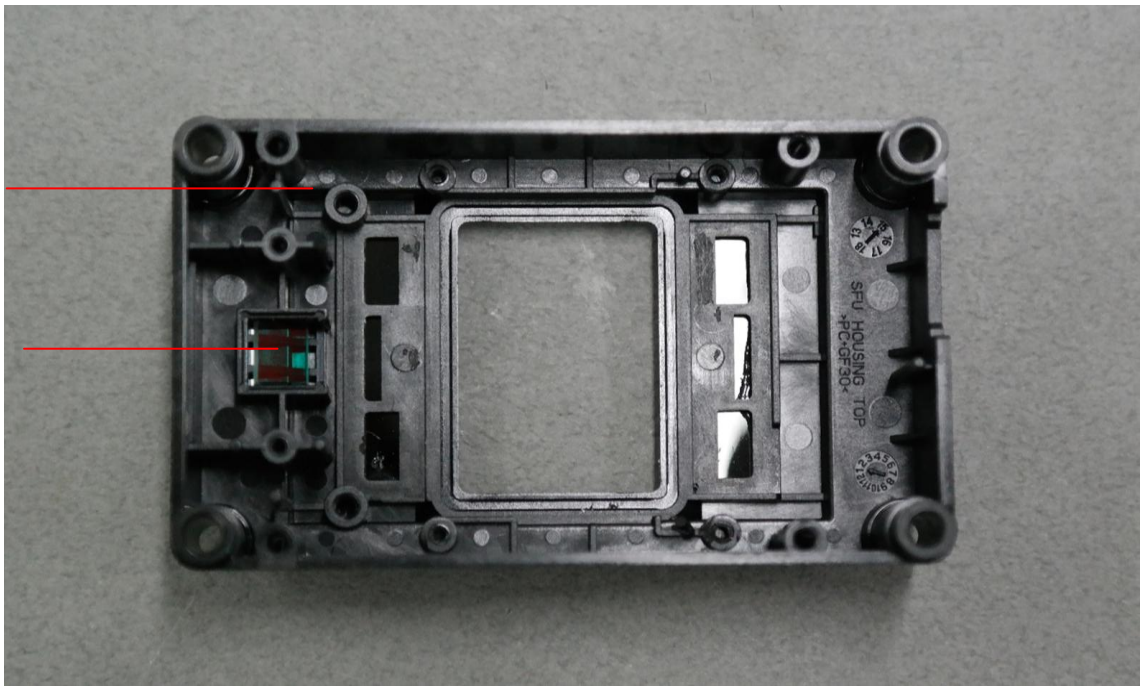

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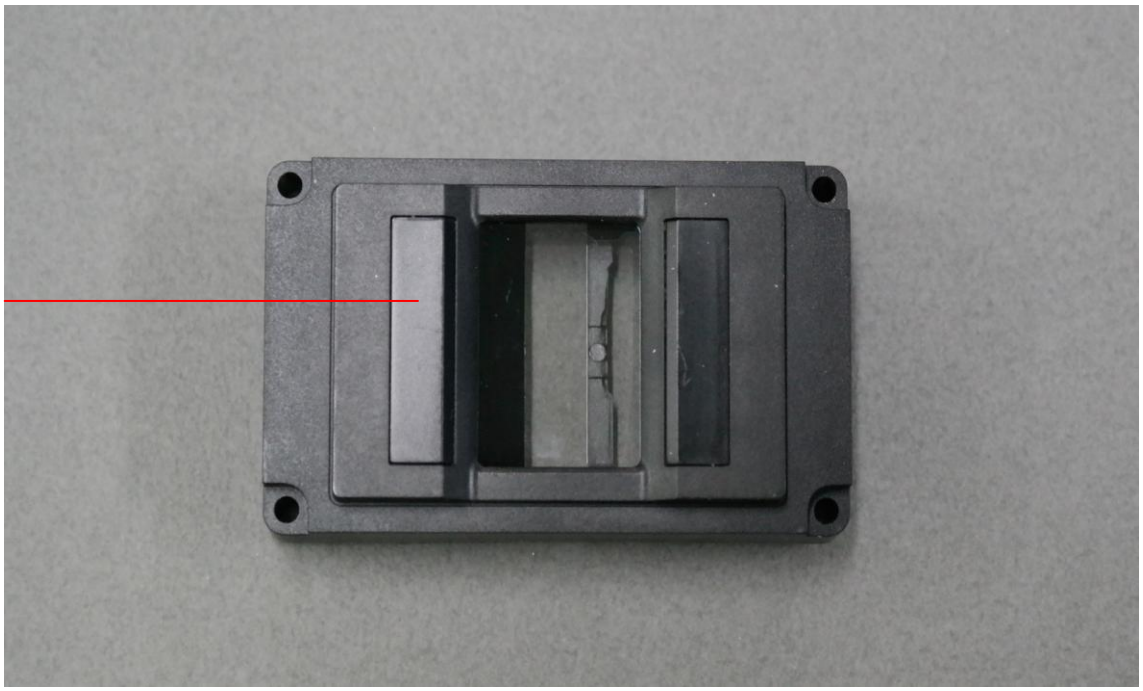

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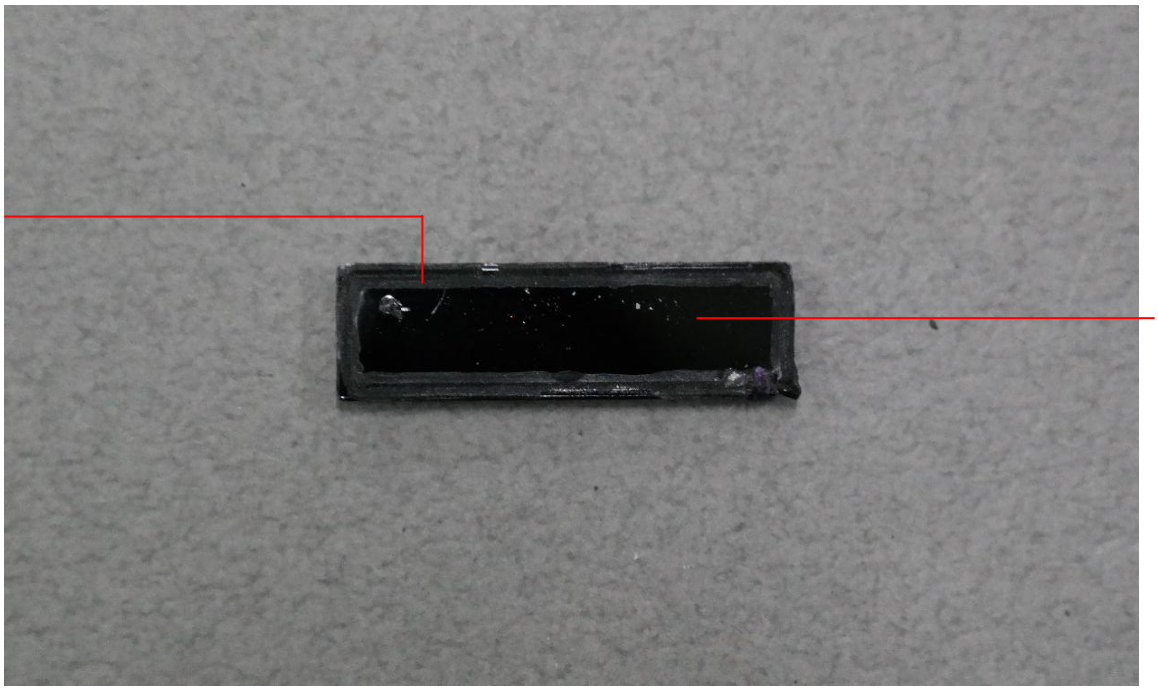

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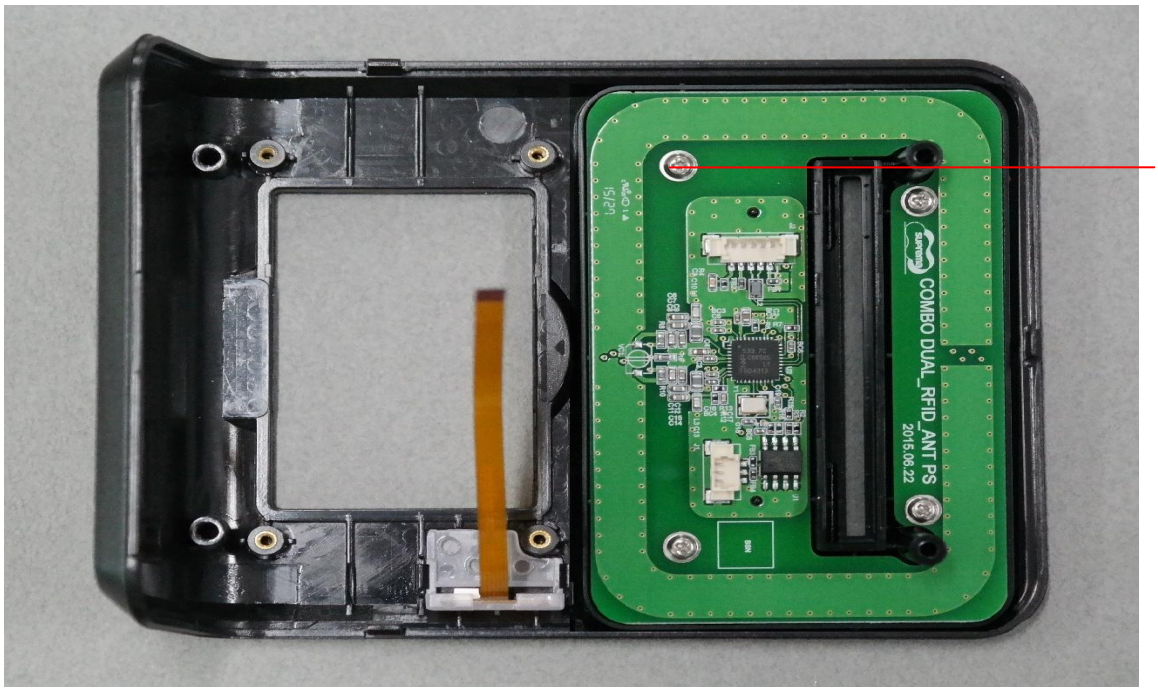


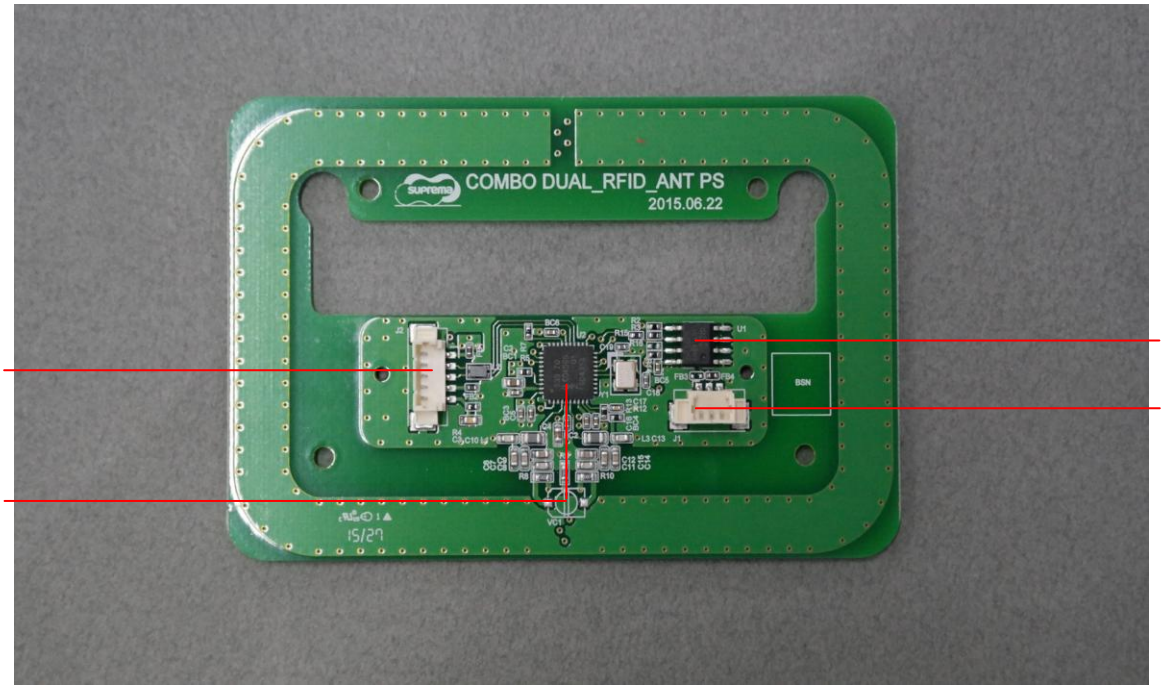

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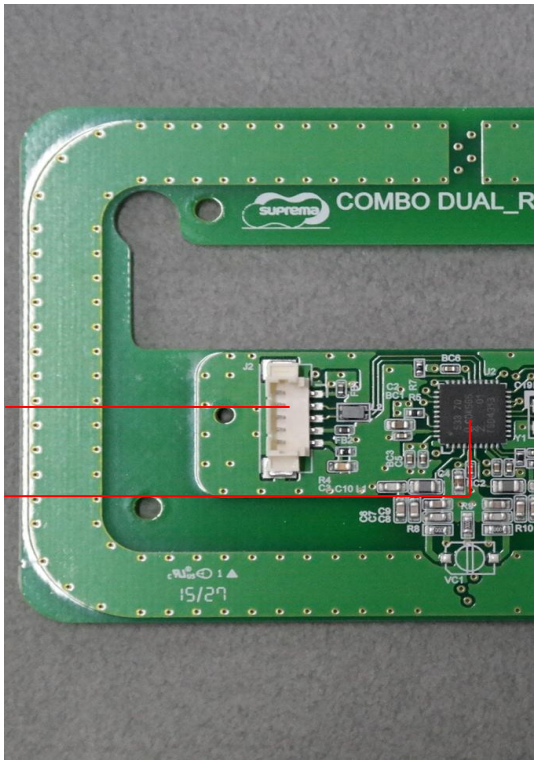

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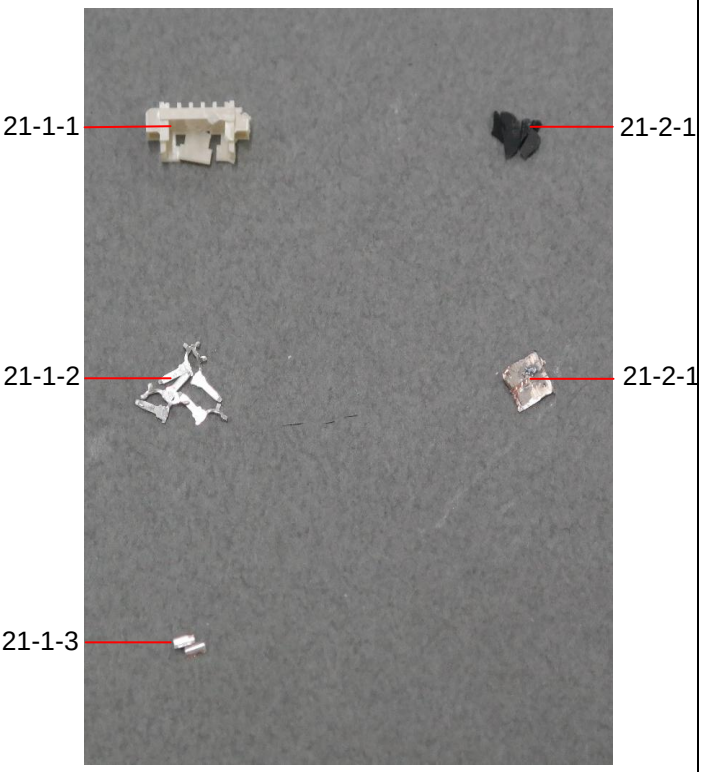

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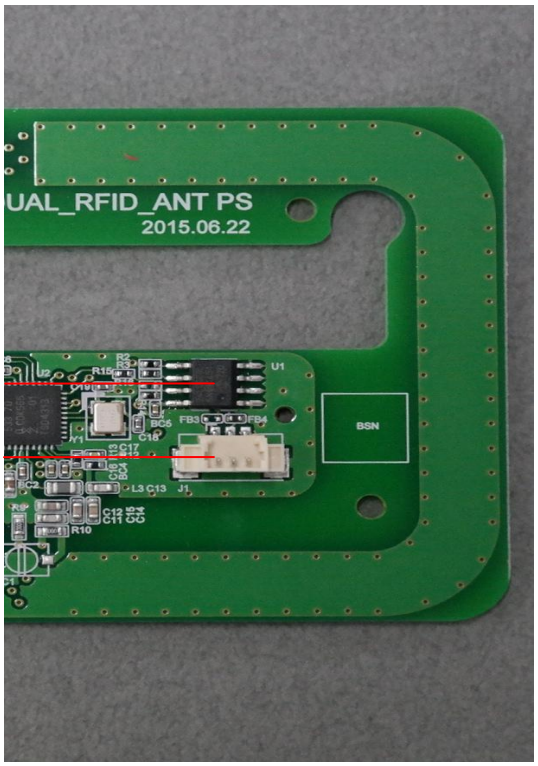

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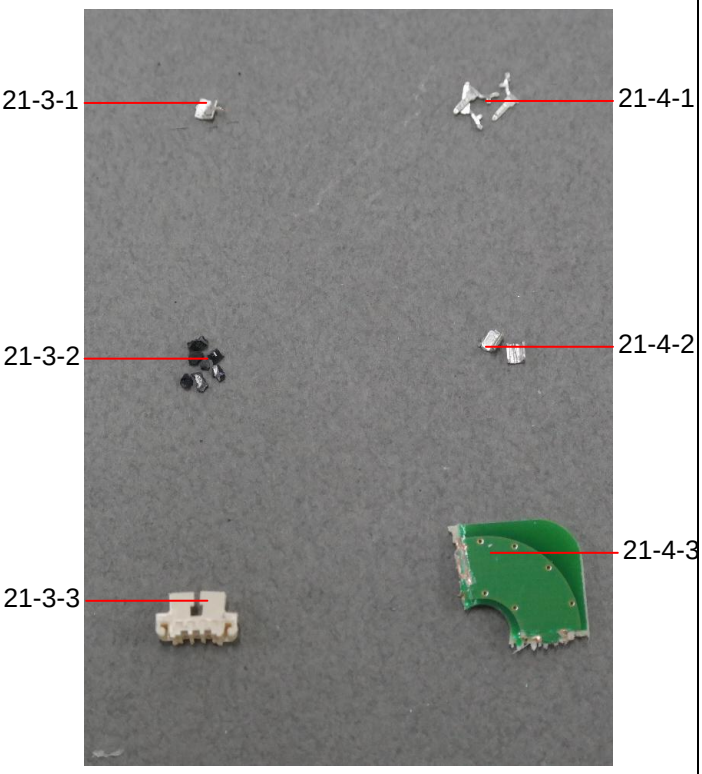

20
COMBO DUAL_RFID_ANT PS
2015.06.22


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21-4
COMBO DUAL_RFID_ANT PS
2015.06.22

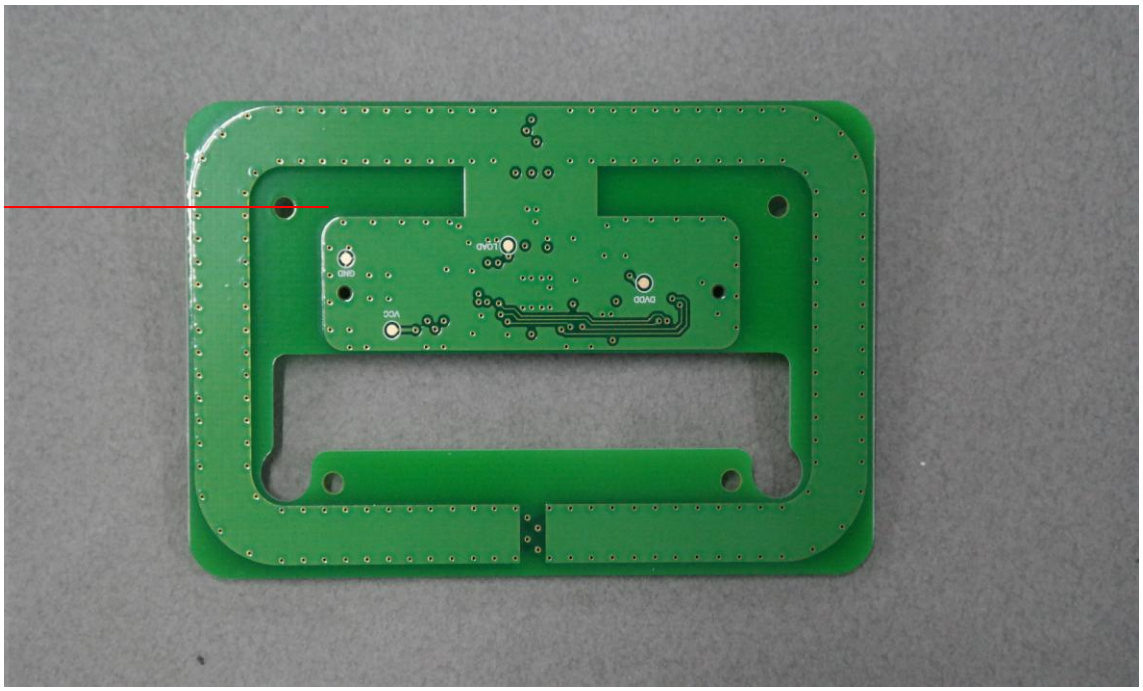

21-1
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COMBO DUAL_R


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21-3
21-4
UAL_RFID_ANT PS
2015.06.22
BSN


21-3-1
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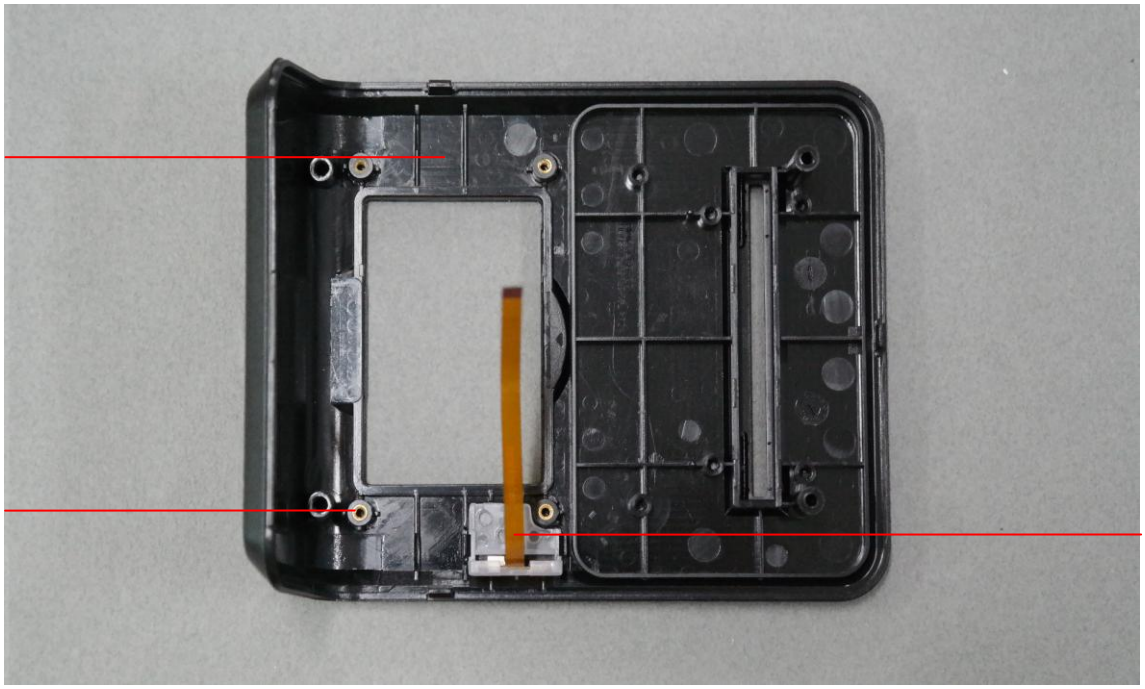
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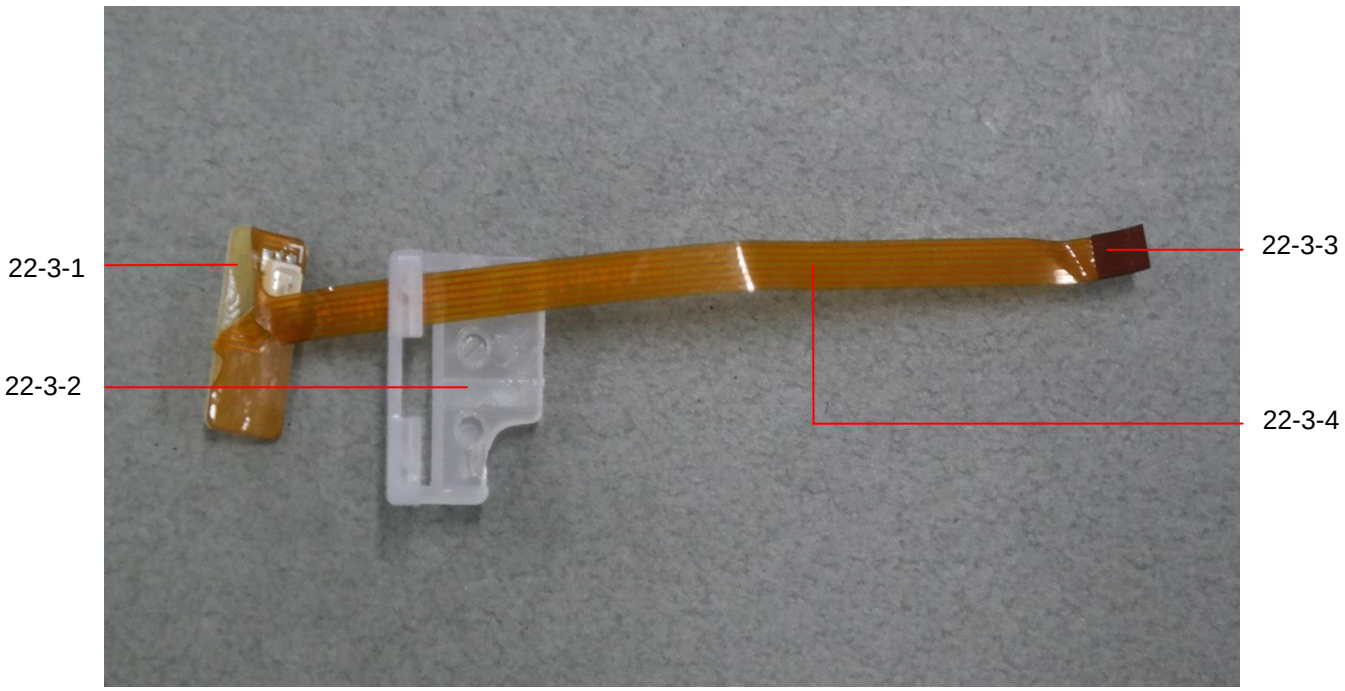


22-1

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22-3




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22-3-4