

Test Report

No. SHAEC2211867901

Date: 24 Aug 2022

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Client Name : Changzhou AMASS Electronics Co. Ltd

Client Address : Changzhou Wujin District Lijia Town Qingyang Road

Sample Name : XT30U-M

Model No. : XT30U-M

Client Ref. Information : H59-1 gold; H59-1 silver; H59-1 nickel; H59-1 Ternary alloy; Qsn4-4-4 gold; QSn-4 gold; C3602 nickel; Tellurium copper (C14500) gold; copper (C1100) gold; copper (T2) silver; Qbe2.0 silver; h62 gold; C5191 gold; H65 gold; Manganese steel(65) Zinc alloy; Carbon steel(Zinc alloy); Manganese steel(65) tin; PA6 black、PA6 red、PA6 blue; PA6 black (GF)、PA6 yellow(GF)、PA6 blue(GF); PA6 orange(GF)、PA66 black、PA66 yellow(GF); PA66 black(CM3004 GF)、PA66 black(GF)、PA66 blue(GF); PA66 orange(GF)、PA66 red (GF)、PA9T black (GF); PA66 ecru、PBT orange(GF)、PP gray; PVC black;

SEE THE ATTACHMENT

The above sample(s) and information were provided by the client.

SGS Job No. : SP22-017700 - SH

Date of Sample Received : 12 Aug 2022

Testing Period : 12 Aug 2022 - 22 Aug 2022

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Sue Sheng

Sue Sheng
Approved Signatory

scan to see the report



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA22-118679.001	Golden metal
SN2	SHA22-118679.002	Silvery metal
SN3	SHA22-118679.003	Silvery metal
SN4	SHA22-118679.004	Silvery metal
SN5	SHA22-118679.005	Golden metal
SN6	SHA22-118679.006	Golden metal
SN7	SHA22-118679.007	Silvery metal
SN8	SHA22-118679.008	Golden metal
SN9	SHA22-118679.009	Golden metal
SN10	SHA22-118679.010	Silvery metal
SN11	SHA22-118679.011	Silvery metal
SN12	SHA22-118679.012	Golden metal
SN13	SHA22-118679.013	Golden metal
SN14	SHA22-118679.014	Golden metal
SN15	SHA22-118679.015	Silvery blue metal
SN16	SHA22-118679.016	Silvery metal
SN17	SHA22-118679.017	Silvery metal
SN18	SHA22-118679.018	Black solid+Red solid part+Blue solid
SN19	SHA22-118679.019	Black solid part+Yellow solid part+Blue solid part
SN20	SHA22-118679.020	Orange solid part+Black solid+Yellow solid part
SN21	SHA22-118679.021	Black solid+Black solid part+Blue solid part
SN22	SHA22-118679.022	Orange solid part+Red solid+Black solid part
SN23	SHA22-118679.023	White solid+Orange solid+Grey solid
SN24	SHA22-118679.024	Black solid

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU



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Test Method : With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-1:2015 and IEC 62321-6:2015, analyzed by ICP-OES, AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	001	002	003
Cadmium (Cd)	100	mg/kg	2	35	14	30
Lead (Pb)	1000	mg/kg	2	26196▲	22246▲	28899▲
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	004	005	006
Cadmium (Cd)	100	mg/kg	2	35	ND	ND
Lead (Pb)	1000	mg/kg	2	35682▲	35316▲	144
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND



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Test Item(s)	Limit	Unit	MDL	004	005	006
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	007	008	009
Cadmium (Cd)	100	mg/kg	2	25	ND	ND
Lead (Pb)	1000	mg/kg	2	23709▲	ND	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND



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Test Item(s)	Limit	Unit	MDL	007	008	009
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	010	011	012
Cadmium (Cd)	100	mg/kg	2	ND	ND	3
Lead (Pb)	1000	mg/kg	2	ND	23	281
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND



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Test Item(s)	Limit	Unit	MDL	013	014	015
Cadmium (Cd)	100	mg/kg	2	ND	ND	ND
Lead (Pb)	1000	mg/kg	2	87	31	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	016	017
Cadmium (Cd)	100	mg/kg	2	ND	ND
Lead (Pb)	1000	mg/kg	2	36	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm ²	0.10	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND



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Test Item(s)	Limit	Unit	MDL	016	017
Heptabromobiphenyl	-	mg/kg	5	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND

Notes :

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series
- (2) ▼ = a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm². The sample coating is considered to contain CrVI
 b. The sample is negative for CrVI if CrVI is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-CrVI based coating
 c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination
 Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.
- (3) ▲ According to the declaration from the client, Lead (Pb) in No.001-005, 007 is exempted by EU RoHS directive 2011/65/EU based on [ANNEX III 6(c)]: Copper alloy containing up to 4 % lead by weight.

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	018	019	020
Cadmium (Cd)	100	mg/kg	2	ND	ND	ND
Lead (Pb)	1000	mg/kg	2	9	25	12
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND	ND	ND



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Test Report

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Test Item(s)	Limit	Unit	MDL	018	019	020
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Di-butyl Phthalate (DBP)	1000	mg/kg	50	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	1000	mg/kg	50	ND	ND	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	021	022	023
Cadmium (Cd)	100	mg/kg	2	ND	ND	ND
Lead (Pb)	1000	mg/kg	2	11	12	12
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND



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Test Item(s)	Limit	Unit	MDL	021	022	023
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Di-butyl Phthalate (DBP)	1000	mg/kg	50	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	1000	mg/kg	50	ND	ND	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	024
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Sum of PBBs	1000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND



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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>024</u>
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND
Di-butyl Phthalate (DBP)	1000	mg/kg	50	ND
Benzyl Butyl Phthalate (BBP)	1000	mg/kg	50	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	1000	mg/kg	50	280
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND

Notes :

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series
- (2) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.
- (3) Hexavalent Chromium (Cr(VI)): The reported result of Sample 018-023 is for reference only.

Test was conducted on composite of random parts of the item as per client's request.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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XT30UWPB-M.G.Y	XT60-M.G.Y	XT60U(Z)-M	XT90(2+2)-M.G.Y	LCB50PB-M
XT30U-M.G.Y	XT60-F.G.Y	XT60U(Z)-F	XT90(2+2)-F.G.Y	LCB50PW-M
XT30U-F.G.Y	XT60-M.G.B	XTD60-M.N.B	XT90(2+2)-M.N.B	LCA60-M
XT30U-M.N.B	XT60-M.G.BL	XTD60-F.N.B	XT90(2+2)-F.N.B	LCA60-F
XT30U-F.N.B	XT60-F.G.B	MTD60-M.N.B	XT90(2+2)PB-M.G.Y	LCA60PB-M
XT30U-M.G.B	XT60-F.G.BL	MTD60-F.N.B	XT90(2+2)PB-M.N.B	LCB60-M
XT30U-F.G.B	XT60U-M.G.Y	XTS60-M.N.B	XT90PW(2+2)-M.G.Y	LCB60-F
XT30U-F.G.BL	XT60U-F.G.Y	XTS60-F.N.B	XT90(2+2)PW-M.G.Y	LCB60PB-M
XT30UD-M.G.Y	XT60U-M.N.B	MTS60-M.N.B	XT90(2+2)PW-M.N.B	LCB60PW-M
XT30UD-F.G.Y	XT60U-F.N.B	MTS60-F.N.B	XT90(Z)-M.G.Y	D-1554-F
XT30UW-M.G.Y	XT60U-M.G.B	MR60PB-M.G.Y	LCB16-M	D-1554-M
XT30UW-F.G.Y	XT60U-F.N.Y	MR60PB-F.G.Y	LCB16-F	XT120(2+4)-F
XT30ULW-F.G.Y	XT60U-F.S.Y	MR60PB-M.N.B	LCB16PB-M	XT120(2+4)-M
XT30ULW-F.N.B	XT60U-F.G.B	MR60PB-F.N.B	LCB16PW-M	DP40-F
XT30ULB-M.G.Y	XT60H-M.G.Y	MR60PW-M.G.B	LCC16-M	DP40-M
XT30UPB-F.G.Y	XT60H-F.G.Y	XT60I-F.G.O	LCC16-F	D-1456-M
XT30UPB-M.N.B	XT60H-M.N.B	XT60I-F(Z).G.O	LCC16PB-M	D-1456-F
XT30UPB-F.N.B	XT60H-F.N.B	XT60IE-M.G.B	LCC16PW-M	SH6.0-M
XT30UPB-M.G.B	XT60H-M.G.B	XT60I-F.N.B	LCB20-M	SH6.0-F
XT30UPB-M.G.BL	XT60H-M.G.B	XT60IPW-M.G.O	LCB20-F	D-1553-M
XT30UPB-F.G.B	XT60H-F.G.B	XT60IPW-M.G.O	LCB20PB-M	D-1553-F
XT30PW-M20.G.Y	XT60L-M.G.Y	XT60IPW-F.G.O	LCB20PW-M	D-1556-F
XT30PW-F20.G.Y	XT60L-F.G.Y	XT60IPW-M.N.B	LCC20-M	AS300E-M
XT30PW-M30.G.Y	XT60L-M.N.B	SH3.5-M.G.B	LCC20-F	AS300E-F
XT30PW-F30.G.Y	XT60L-F.N.B	SH3.5-F.G.B	LCC20PB-M	AS250-M
XT30PW-M30.N.B	XT60W-M.G.B	SH4.0U-M.N.B	LCC20PW-M	AS250-F
XT30PW-F30.N.B	XT60W-F.G.B	SH4.0U-F.N.B	LCA30-M	D-1477-M
XT30PW-M20.G.BL	XT60W-M.N.B	D-1488-M.S.B	LCA30-F	D-1477-F



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XT30PW-F20.G.BL	XT60W-F.N.B	D-1488-F.S.B	LCA30PB-M	D-1477-M16
XT30PW-M30.G.B	XT60EW-M.G.B	D-1489-M.S.B	LCB30-M	D-1477-F16
MR30PW-M20.G.Y	XT60EW-M.N.B	D-1489-F.S.B	LCB30-F	D-1550-F
MR30APW-M	XT60E-M.G.Y	XT90H-M.G.Y	LCB30PB-M	D-1550-M
MR30APB-M	XT60PB-M30.G.Y	XT90H-F.G.Y	LCB30PW-M	XT30APW-M
XT30AW-M	XT60PB-F30.G.Y	XT90H-M.N.B	LCC30-M	XT30APB-M
XT30PW-M36-1	XT60PW-M30.G.Y	XT90H-F.N.B	LCC30-F	XT30V(2+2)-F
MR30PW-F20.G.Y	XT60PW-F30.G.Y	XT90H-M.G.B	LCC30PB-M	KC50BPW(4)-M
MR30PW-M30.G.Y	XT60PW-M20.G.Y	XT90H-F.G.B	LCC30PW-M	KC50B(4)-F
MR30PW-F30.G.Y	XT60PW-M20.G.B	XT90H-M.N.Y	LCA40-M	MC40F-M16
MR30PW-M30.N.B	XT60PT-M.G.Y	XT90H-F.N.Y	LCA40-F	MC40D-F16
MR30PW-F30.N.B	XT60PT-F.G.Y	XT90HW-M.G.Y	LCA40D-M	D-1526-M
MR30PW-M20.G.B	XT60PM-M.G.Y	XT90HW-F.G.Y	LCA40D-F	D-1526-F
MR30PW-F20.G.B	XT60PM-F.G.Y	XT90HW-M.N.B	LCA40PB-M	D-1498-M
MR30PW-M30.G.BL	MT60-M.G.Y	XT90HW-F.N.B	LCB40-M	D-1498-F
XT30 2+2-F.G.B	MT60-F.G.Y	XT90S-F.G.Y	LCB40-F	D-1470-M
XT30 2+2PB-M.G.B	MT60-M.N.B	XT90PB-M.G.Y	LCB40PB-M	D-1470-F
XT30(2+2)PW-M.G.B	MT60-F.N.B	XT90PB-F.G.Y	LCB40PW-M	
MRD50 F-10.01.N.B	MT60-M.G.B	XT90PB-M.N.B	LCC40-M	
MRD50 M-10.01.N.B	MT60-F.G.B	XT90PB-F.N.B	LCC40-F	
MRD50 F-10.02.N.B	MR60-M.G.Y	XT90PB-M.N.Y	LCC40PB-M	
MRD50 M-30.01.N.B	MR60-F.G.Y	XT90PB-F.N.Y	LCC40PW-M	
XTD50(2+1) F-10.01.N.B	MR60-F.N.B	XT90E-M.G.B	LCA50-M	
XTD50(2+1) M-10.01.N.B	XT60(Z)-M	XT90PW-M30.G.Y	LCA50-F	
XTD50PB-M.N.B	XT60(Z)-F	XT90PW-F30.G.Y	LCA50PB-M	
XTD50(2+1) F-10.02.N.B	XT60H(Z)-M	XT90PW-M30.N.B	LCB50-M	
XTD50(2+1) M-30.01.N.B	XT60H(Z)-F	XT90PW-F30.N.B	LCB50-F	



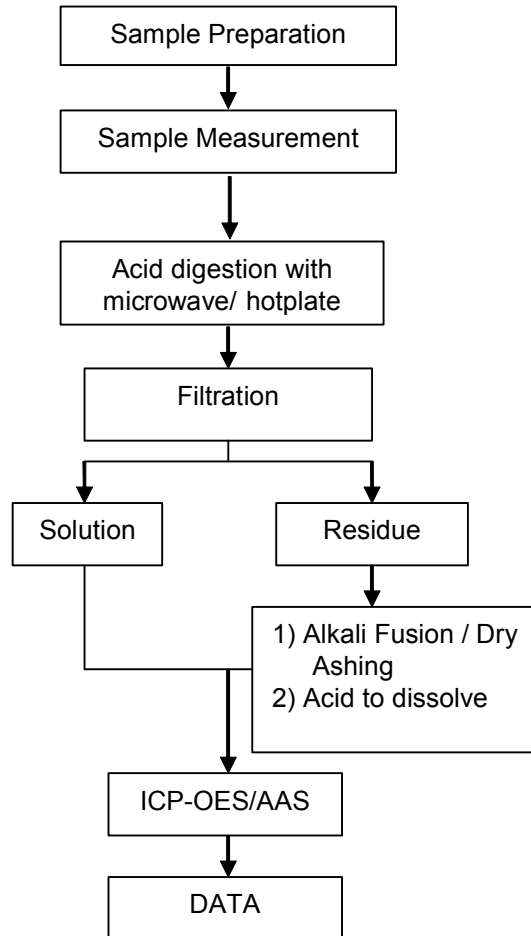
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Elements (IEC62321) Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.

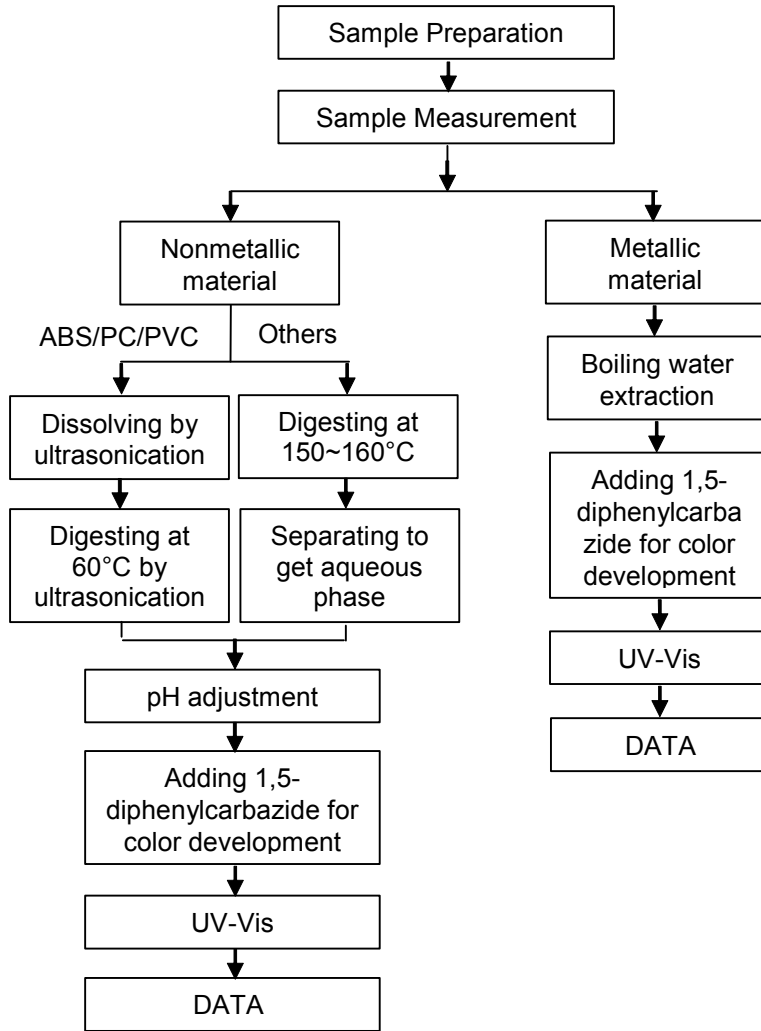


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

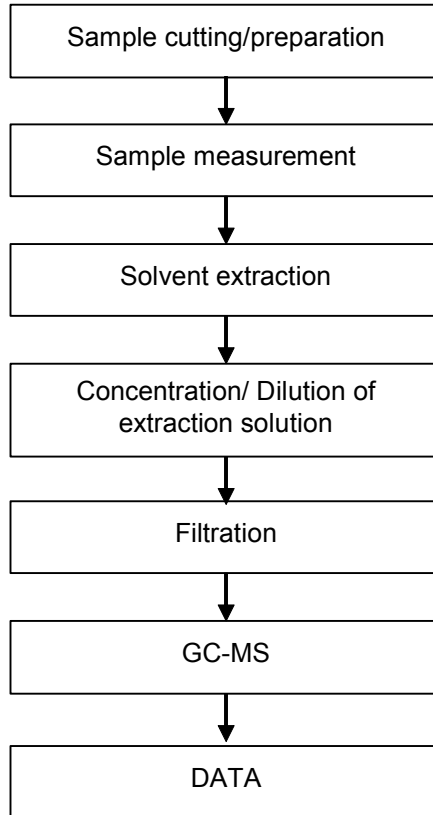


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PBBs/PBDEs Testing Flow Chart

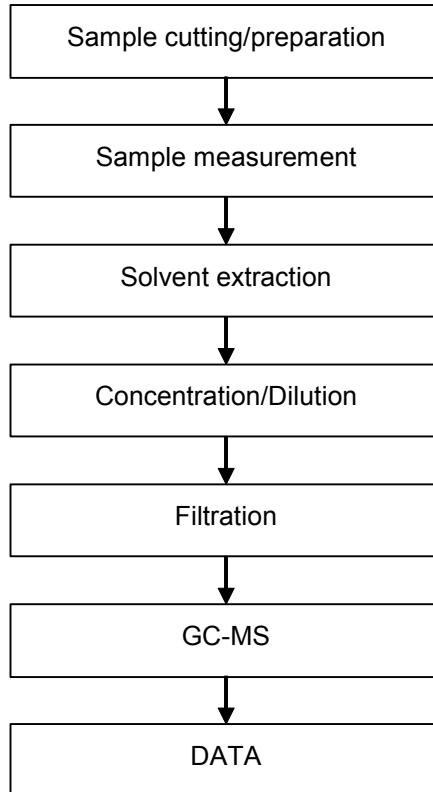


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Phthalates Testing Flow Chart



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Sample photo:



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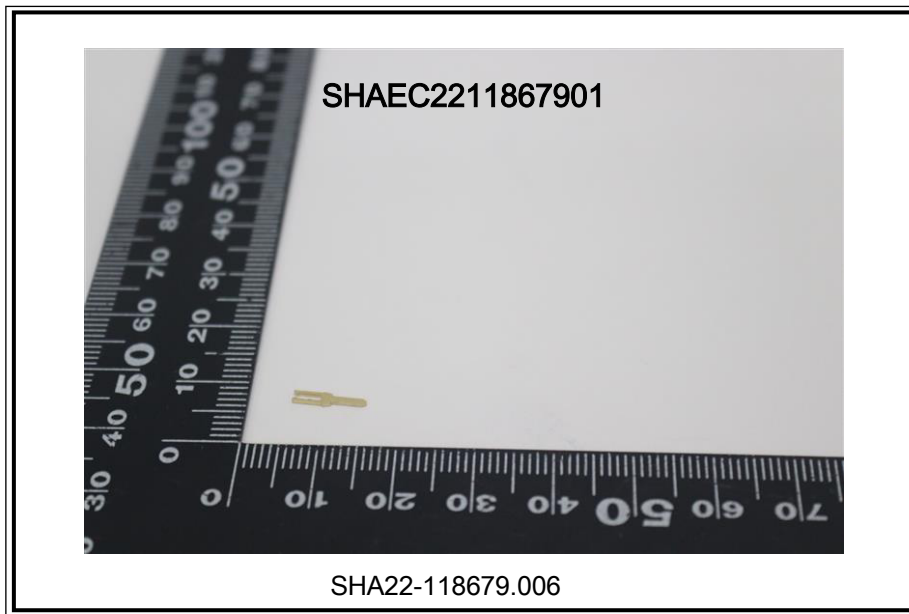
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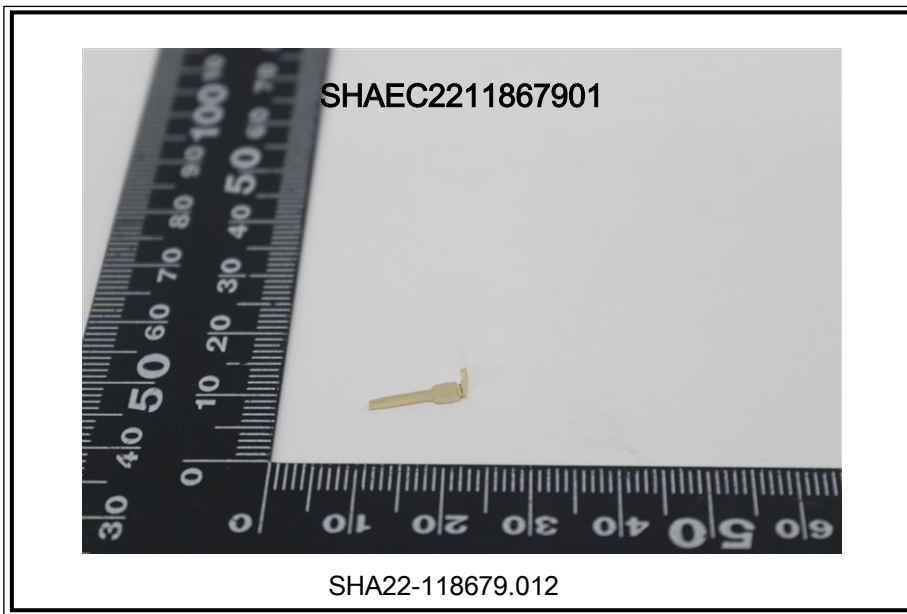
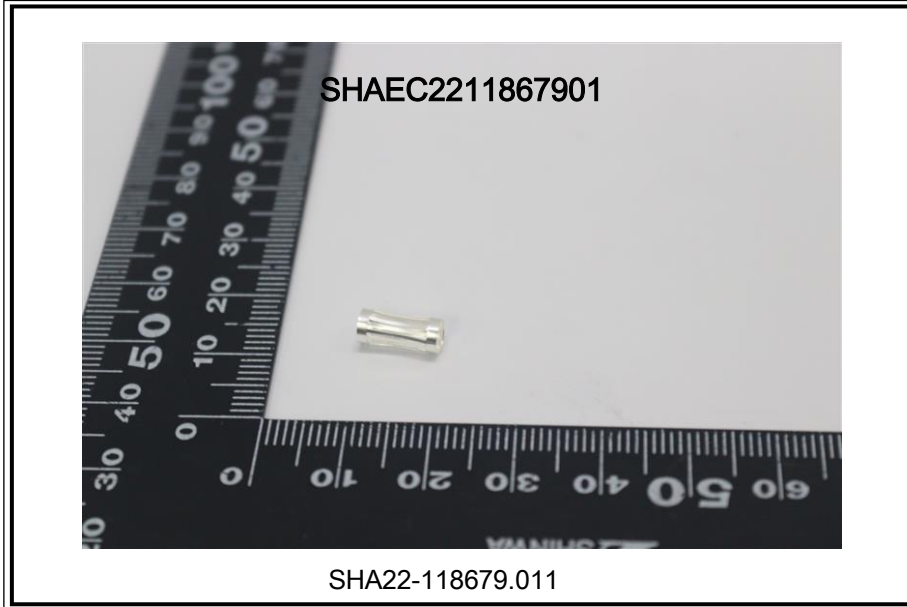
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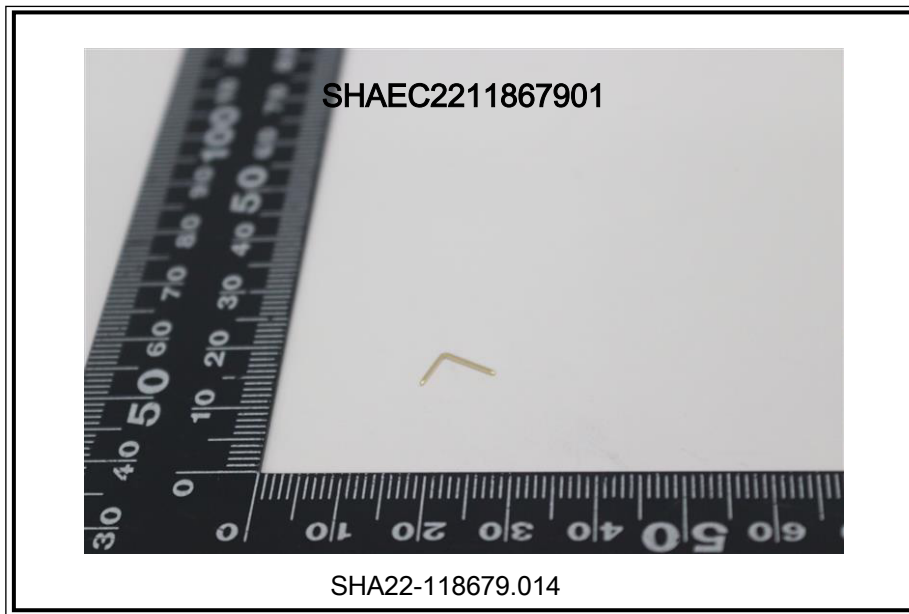
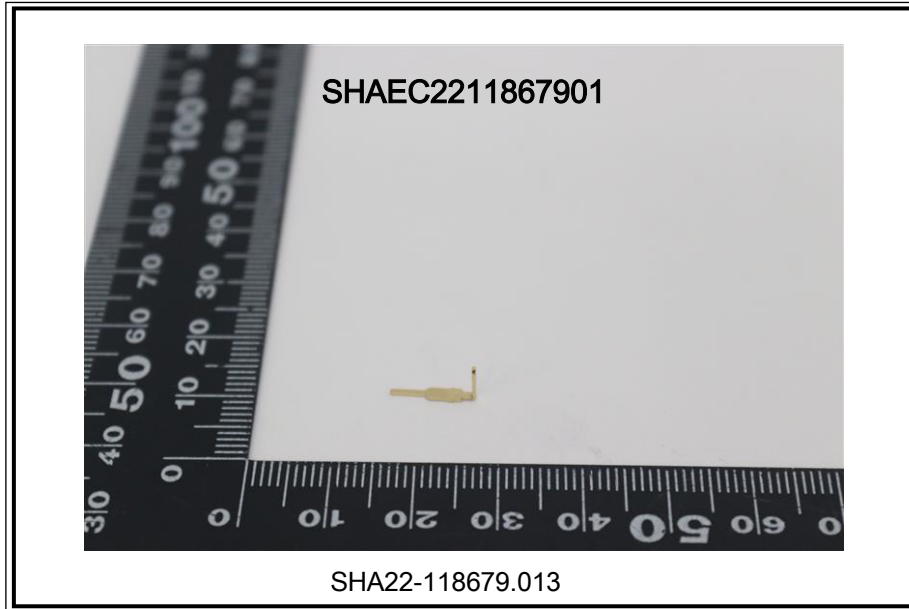
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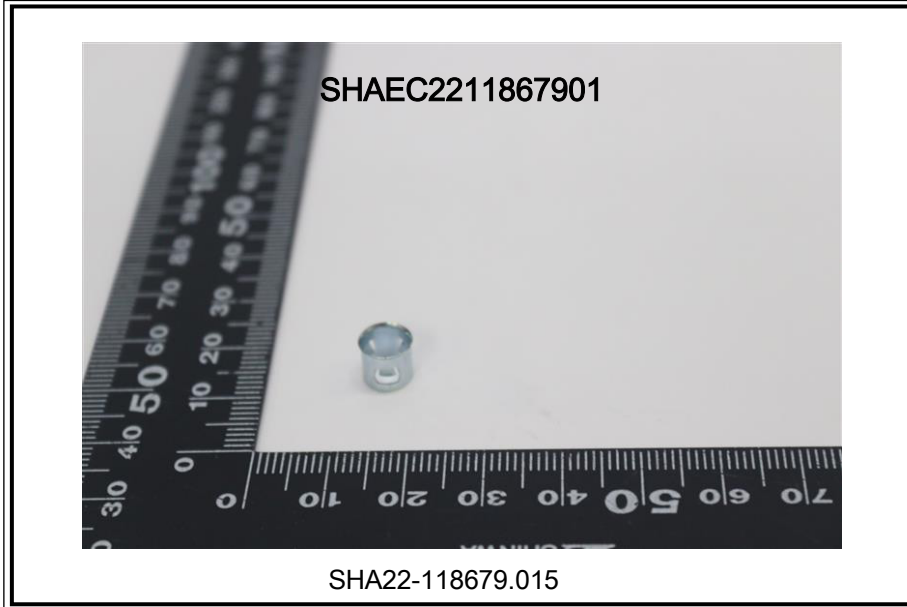
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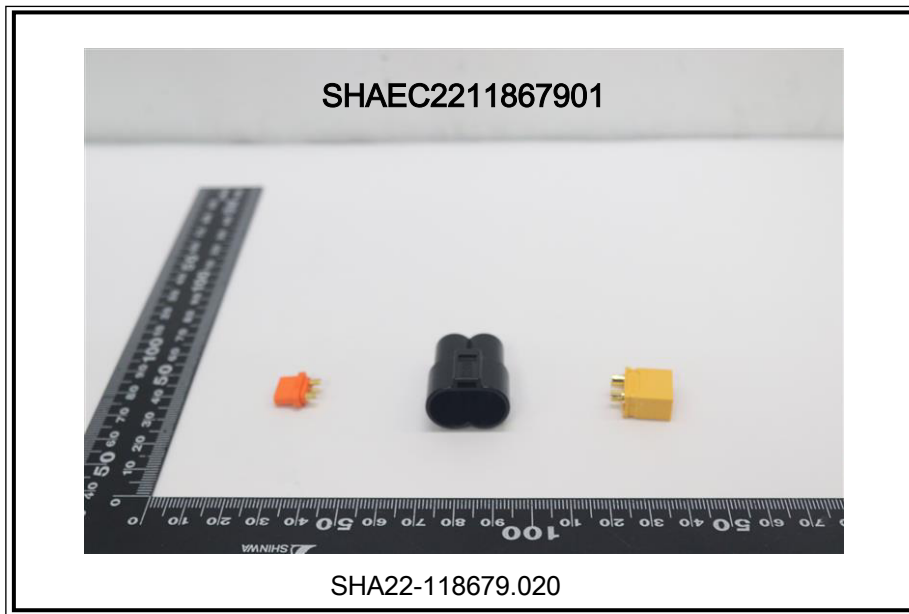
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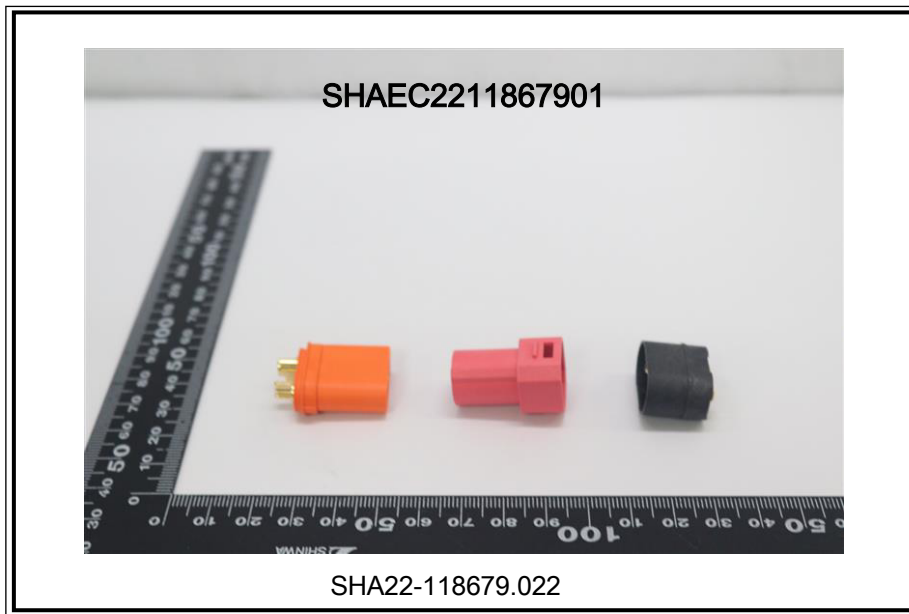
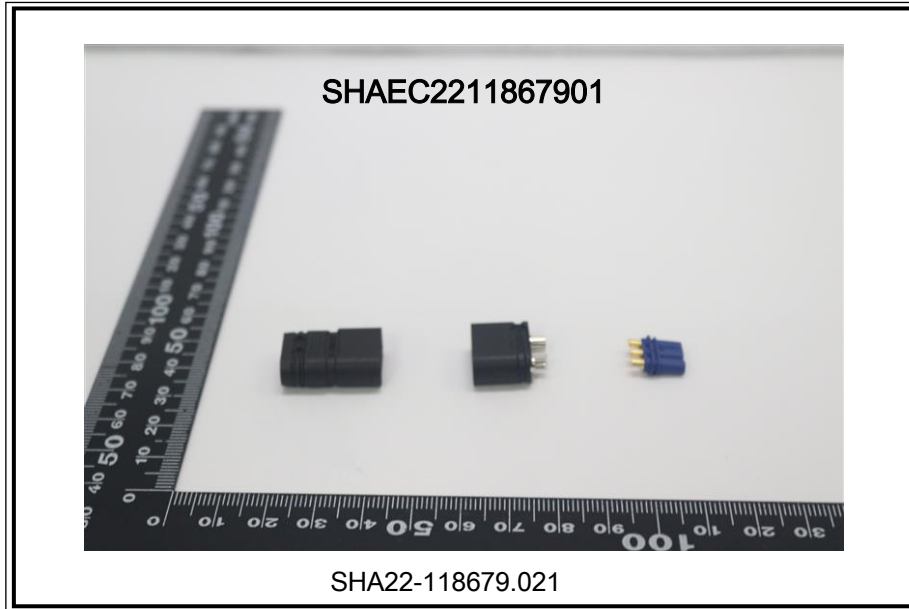
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