

Test Report

No. CANEC2220365401

Date: 12 Oct 2022

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Client Name : PSA PARTS LTD

Client Address : 2 PRINCE GEORGES ROAD COLLIERS WOOD LONDON, UK SW19 2PX

Sample Name : Power Bank

Model No. : CHARGE10

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

SGS Job No. : CP22-052673 - SZ

Date of Sample Received : 22 Sep 2022

Testing Period : 22 Sep 2022 - 30 Sep 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).

Conclusion : Overall assessment on the selected Entry of REACH ANNEX XVII known as Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles, the test results comply with the stated requirements of ANNEX XVII To REACH Regulation (EC) No 1907/2006.

Remark:

As requested by client, this test is performed according to the scope and evaluation conditions specified by the relevant entries of REACH ANNEX XVII already in force (as of the report issuance date). The result is only applicable to the selected materials or components (based on the concepts of substance, mixture and article as defined by the European Chemicals Agency (ECHA) under REACH Regulation). It does not apply to entries or materials not mentioned in this report.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Coral Qiu

Coral Qiu
Approved Signatory

scan to see the report



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-203654.001	Copper-colored surfaced plastic frame (P1)
SN2	CAN22-203654.002	Black plastic shell (P2)
SN3	CAN22-203654.003	Black plastic shell (P3)
SN4	CAN22-203654.004	White glue (P4)
SN5	CAN22-203654.005	Blue material sheet (P5)
SN6	CAN22-203654.006	Dark grey body with black printing(P6)
SN7	CAN22-203654.007	Light red plastic part (P7)
SN8	CAN22-203654.008	Blue "PCB" (P8)
SN9	CAN22-203654.009	Black plastic (cable jacket) (P9)
SN10	CAN22-203654.010	Black plastic (wire insulation) (P10)
SN11	CAN22-203654.011	Red plastic (wire insulation) (P11)
SN12	CAN22-203654.012	Black plastic shell (P12)
SN13	CAN22-203654.013	White translucent plastic part (P13)
SN14	CAN22-203654.014	Green "PCB" (P14)
SN15	CAN22-203654.015	Black plastic shell (P15)
SN16	CAN22-203654.016	Black plastic part (P16)
SN17	CAN22-203654.017	Green adhesive material sheet (P17)
SN18	CAN22-203654.018	Brown translucent adhesive plastic sheet (P18)
SN19	CAN22-203654.019	Black rubber ring (P19)

Remarks :

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

Total Tin Screening for Organotin in Entry 20 of REACH ANNEX XVII

Test Method : SGS In-house method (GZTC CHEM-TOP-041), analysis was performed by EDXRF.



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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Tin (Sn)	-	mg/kg	-	<700	<700	<700
Conclusion				Pass	Pass	Pass

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Tin (Sn)	-	mg/kg	-	<700	<700	<700
Conclusion				Pass	Pass	Pass

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>007</u>	<u>008</u>	<u>009</u>
Tin (Sn)	-	mg/kg	-	<700	<700	<700
Conclusion				Pass	Pass	Pass

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>010</u>	<u>011</u>	<u>012</u>
Tin (Sn)	-	mg/kg	-	<700	<700	<700
Conclusion				Pass	Pass	Pass

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>013</u>	<u>014</u>	<u>015</u>
Tin (Sn)	-	mg/kg	-	<700	<700	<700
Conclusion				Pass	Pass	Pass

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>016</u>	<u>017</u>	<u>018</u>
Tin (Sn)	-	mg/kg	-	<700	<700	<700
Conclusion				Pass	Pass	Pass

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>019</u>
Tin (Sn)	-	mg/kg	-	<700
Conclusion				Pass



Notes :

1. Confirmation test of organic tin is not required in case of Total Tin, after conversion, does not exceed the Organotin by weight of Tin requirement as specified in Entry 20 of Annex XVII.

Entry 50 of Regulation (EU) 2021/1199 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method : With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND
Comment					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND
Comment					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>003</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>003</u>
Comment					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>009</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND
Comment					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>012</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND
Comment					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>015</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND
Comment					PASS

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>019</u>
Benzo(a)anthracene(BaA)	56-55-3	1.0	mg/kg	0.1	ND
Chrysene(CHR)	218-01-9	1.0	mg/kg	0.1	ND



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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>019</u>
Benzo(b)fluoranthene(BbF)	205-99-2	1.0	mg/kg	0.1	ND
Benzo(j)fluoranthene (BjF)	205-82-3	1.0	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	207-08-9	1.0	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	50-32-8	1.0	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	192-97-2	1.0	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	53-70-3	1.0	mg/kg	0.1	ND

Comment

PASS

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.

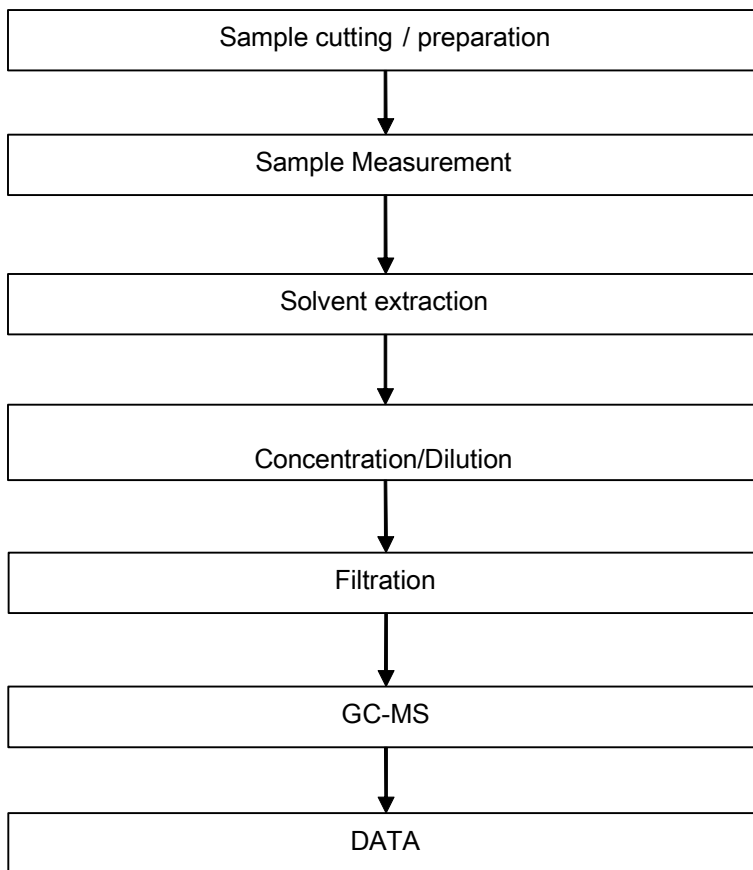


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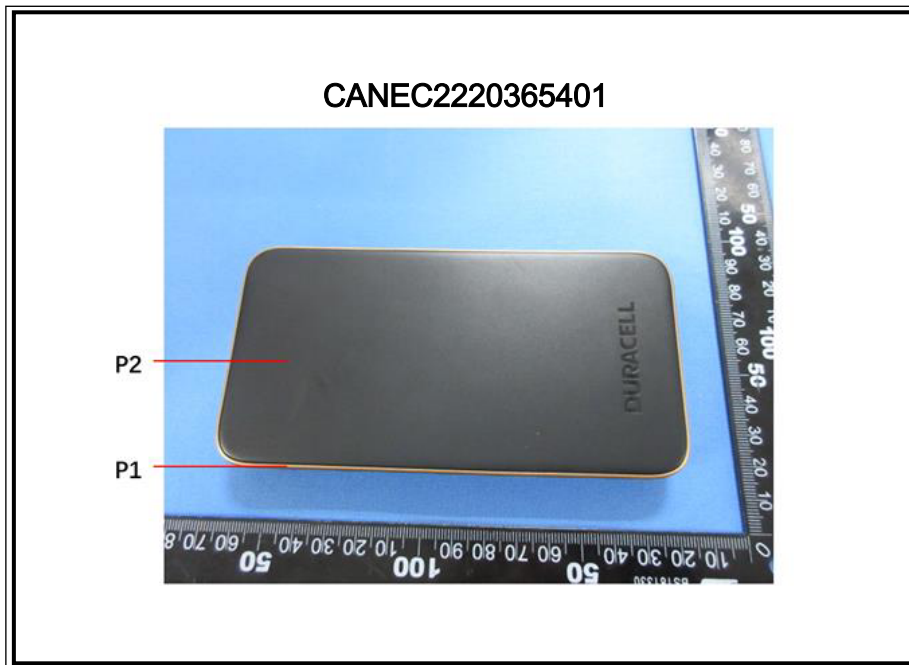
PAHs Testing Flow Chart



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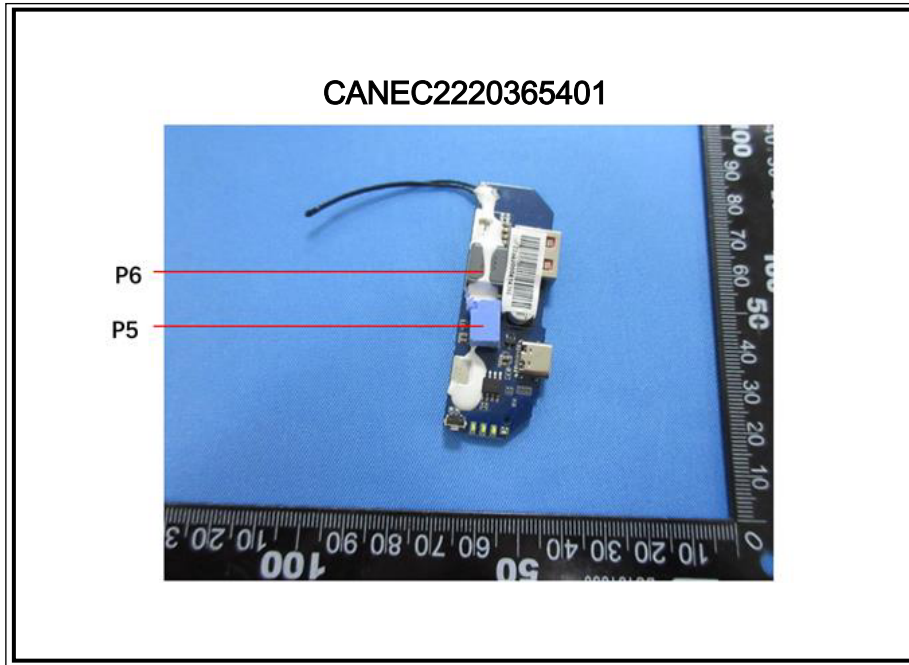
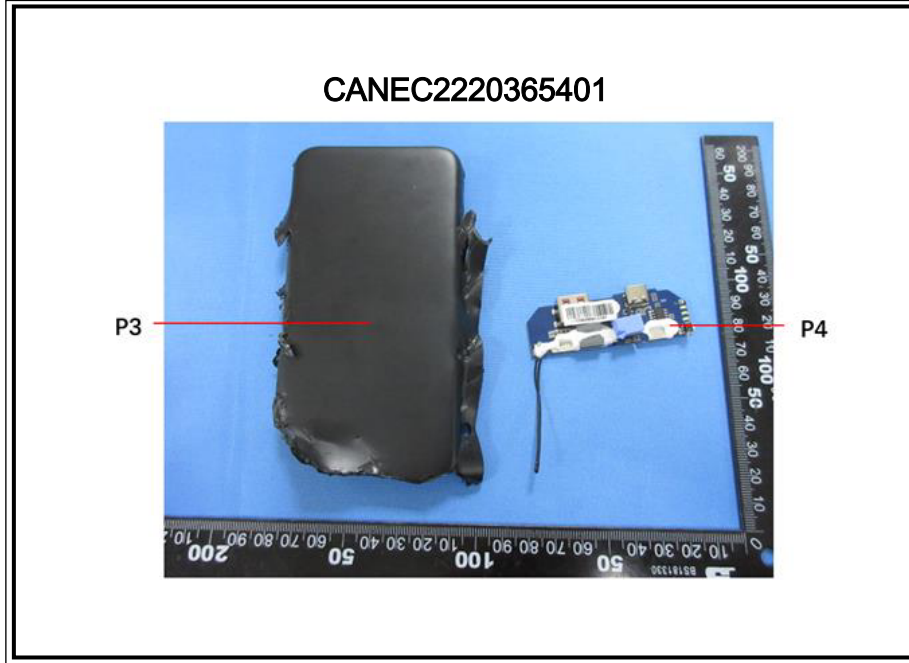
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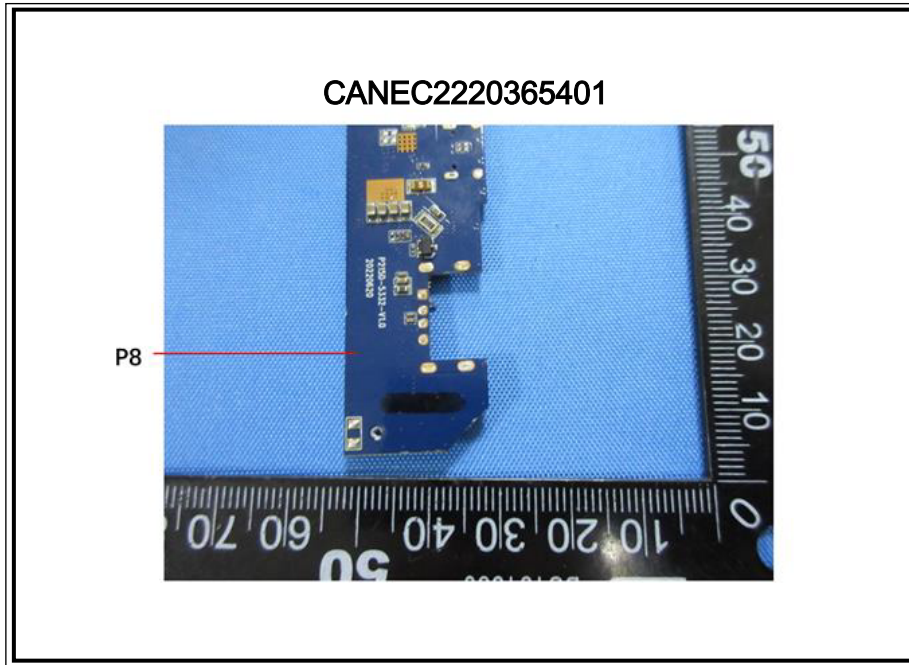
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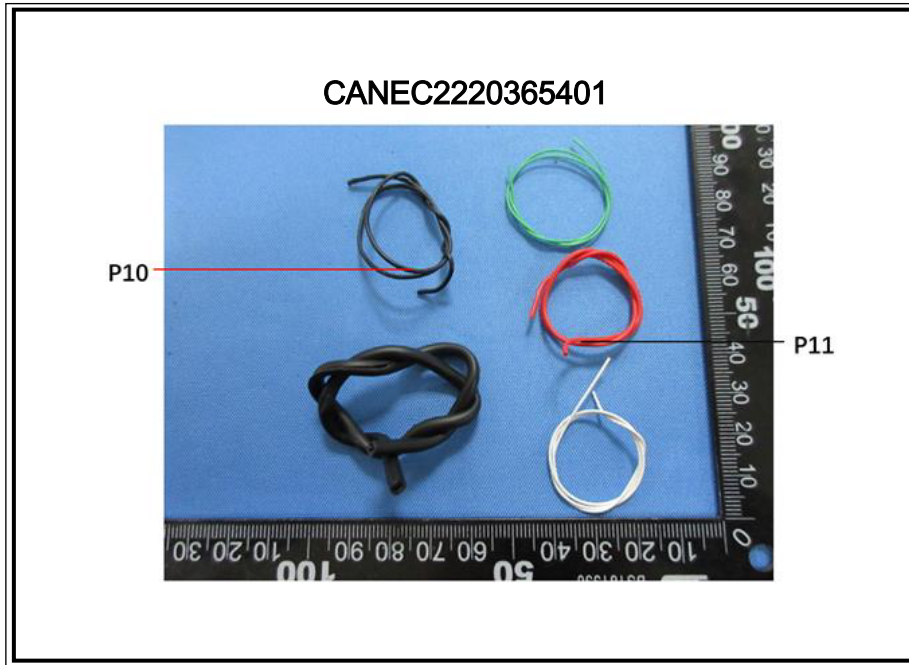


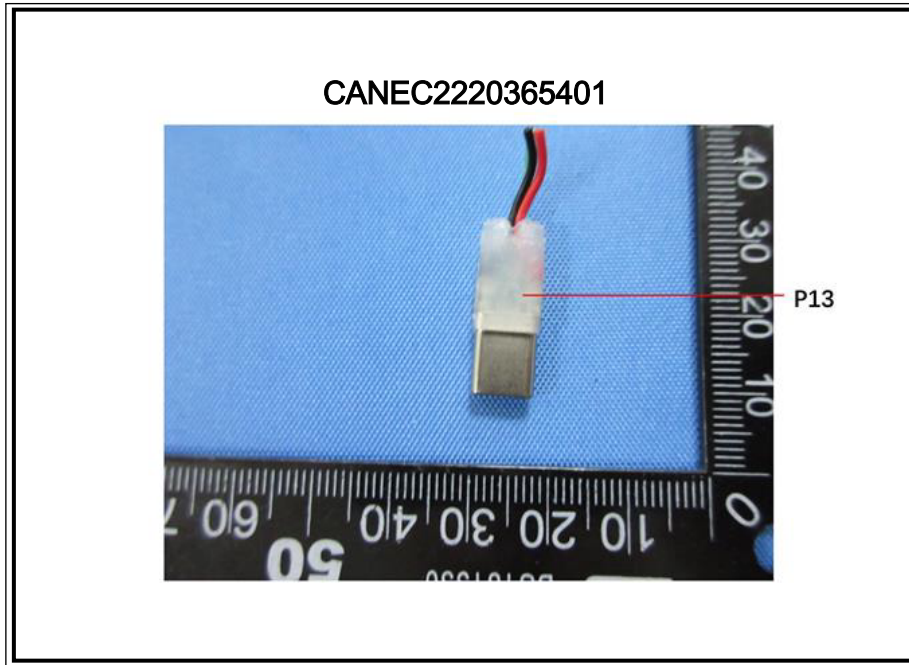
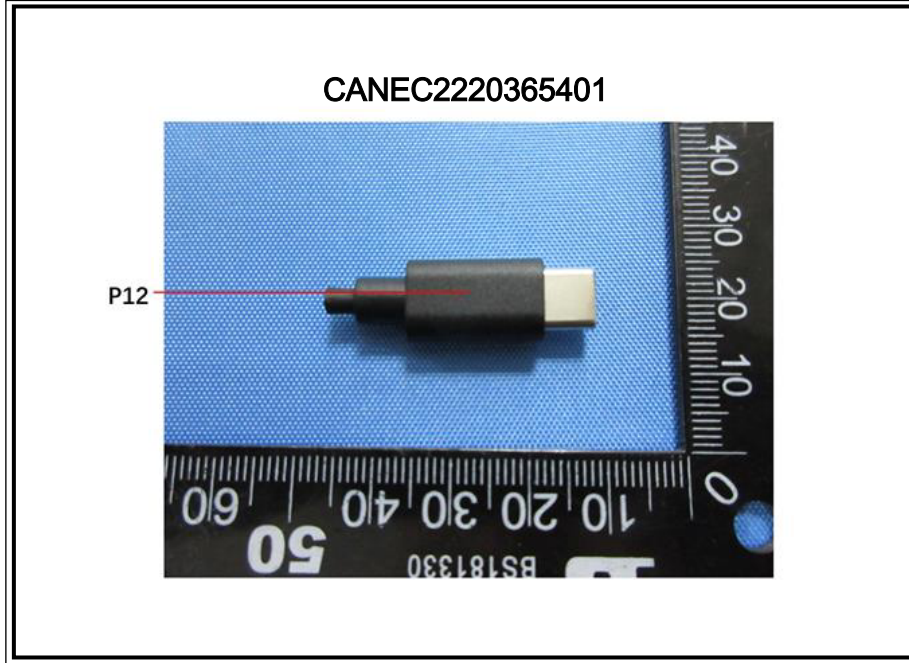
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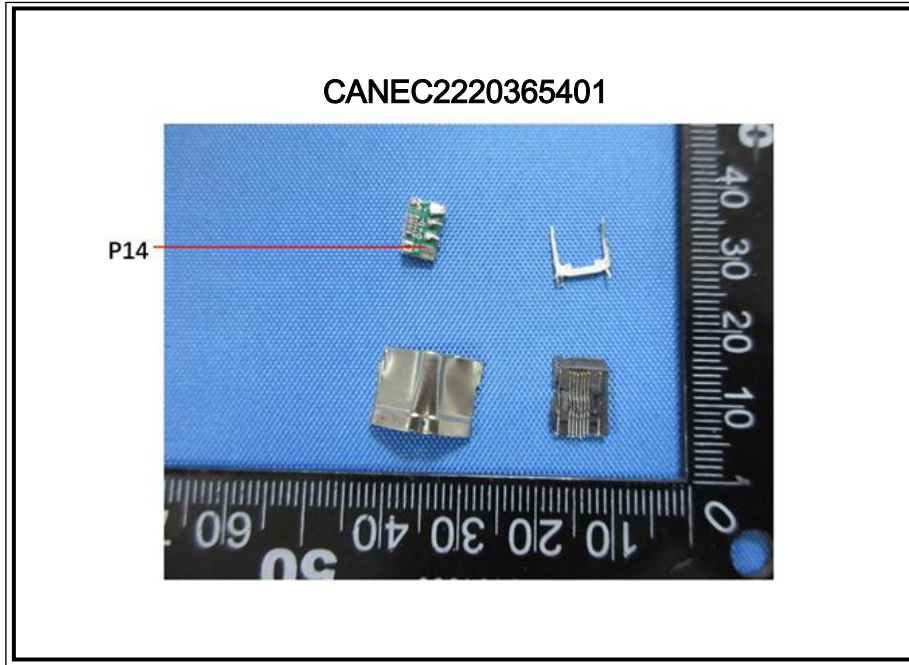
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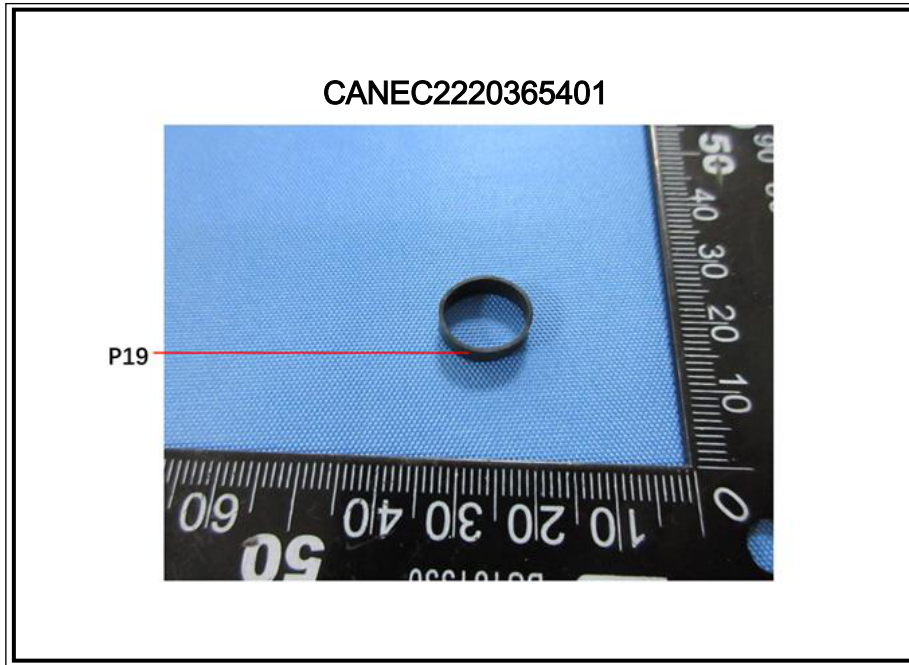
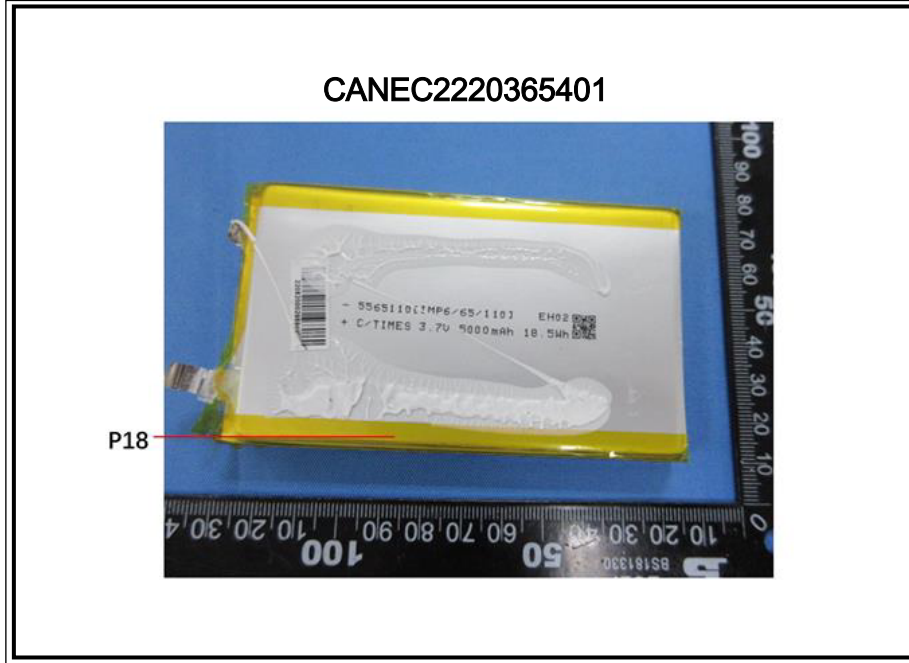












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