

Test Report

No.: TAOEC25012410501

Date: Jan 08, 2026

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Client Name: Jiangsu DINGS' Intelligent Control Technology Co., Ltd

Client Address: No. 2850 Luheng Road, Economic Development Zone, Changzhou, Jiangsu, 213025 China.

Sample Name: Stepper Lead Screw Linear Actuator/Stepper Ball Screw Linear Actuator/Linear Module/Gripper

Tested Basic Model No.: 11E2216R4-100SSSN-SZ

Tested Extended Model No.: 11C2110K4-050SMSN-100SZ/ 11K2110A4-200SMSN-170SZ/ 11N2110R4-135SMSN-180SZ/11E2110B524-157RSN-030SZ/DLM150-11E2105A4-CTB-001SZ/DMEG06-11N2110R4-YJ

Client Ref. Information: E/N/C/K/BSIDL/DSM/DSLM/DWM/DLG/DMEG

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

SGS Job No.: SHP25-043158

Sample Receiving Date: Dec 30, 2025

Testing Period: Dec 30, 2025 ~ Jan 06, 2026

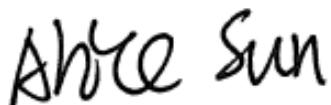
Test Requested: Select test(s) as requested by the client.

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

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

Test Requirement	Conclusion
European Regulation POPs (EU) 2024/2570 amending Regulation (EU) 2019/1021 Annex I - Alkanes, C ₁₀ -C ₁₃ , chloro (short chain-chlorinated paraffins) (SCCPs) and Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	Pass

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



Alice Sun
Approved Signatory

Scan to see the report



9B956E31



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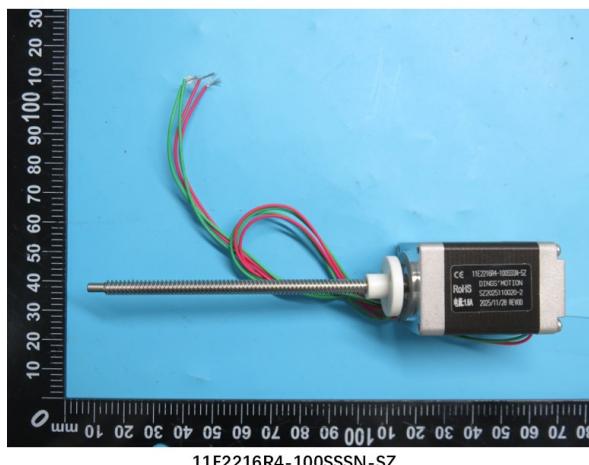
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Test Result(s):

Photo of Submitted Sample



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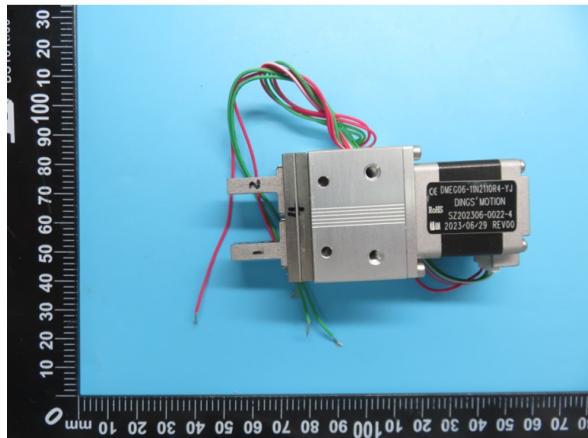
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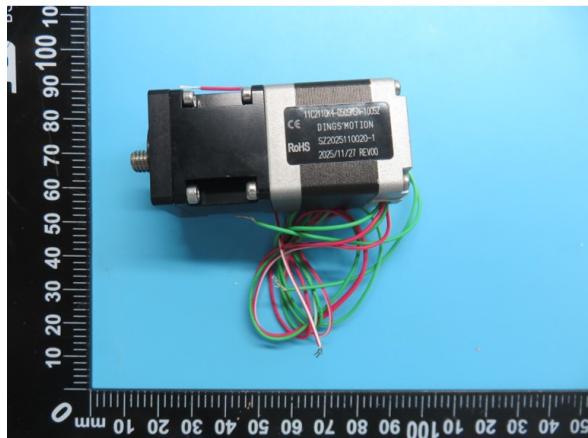
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DMEG06-11N2110R4-R

TAO25-0124105



11C2110K4-050SMSN-100SZ

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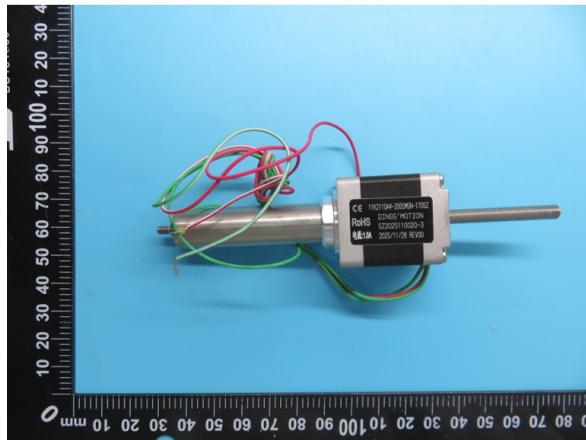
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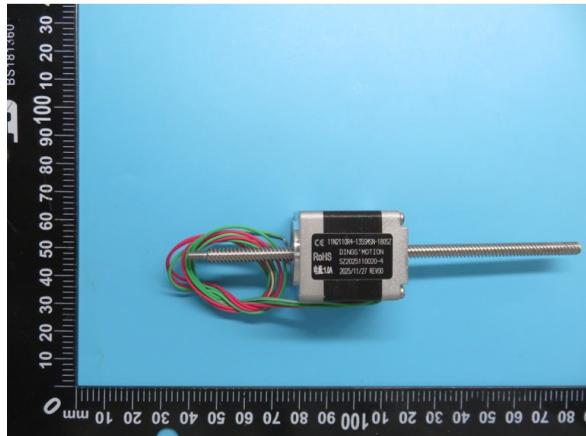
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11K2110A4-200SMSN-170SZ

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11N2110R4-135SMSN-180SZ

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DLM150-11E2105A4-CTB-001SZ

TAO25-0124105

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Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	TAO25-0124105-0001.C001	Red/white plastic(jacket)
SN2	A2	TAO25-0124105-0001.C002	Green/white plastic(jacket)
SN3	A3	TAO25-0124105-0001.C003	Red plastic(jacket)
SN4	A4	TAO25-0124105-0001.C004	Green plastic(jacket)
SN5	A5	TAO25-0124105-0001.C005	Green PCB
SN6	A6	TAO25-0124105-0001.C006	White plastic
SN7	A7	TAO25-0124105-0001.C007	Transparent plastic
SN8	B1	TAO25-0124105-0002.C001	Black plastic
SN9	C1	TAO25-0124105-0003.C001	Beige plastic
SN10	C2	TAO25-0124105-0003.C002	Green PCB
SN11	D1	TAO25-0124105-0004.C001	Transparent plastic
SN12	E1	TAO25-0124105-0005.C001	Beige plastic
SN13	F1	TAO25-0124105-0006.C001	Transparent plastic
SN14	G1	TAO25-0124105-0007.C001	White plastic
SN15	G2	TAO25-0124105-0007.C002	White plastic
SN16	G3	TAO25-0124105-0007.C003	Black plastic(jacket)
SN17	G4	TAO25-0124105-0007.C004	Beige rubber
SN18	G5	TAO25-0124105-0007.C005	Orange plastic
SN19	G6	TAO25-0124105-0007.C006	Green PCB
SN20	G7	TAO25-0124105-0007.C007	Black plastic
SN21	G8	TAO25-0124105-0007.C008	Black plastic(jacket)
SN22	G9	TAO25-0124105-0007.C009	White plastic(jacket)
SN23	G10	TAO25-0124105-0007.C010	Brown plastic(jacket)
SN24	G11	TAO25-0124105-0007.C011	Blue plastic(jacket)

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Remarks:

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

European Regulation POPs (EU) 2024/2570 amending Regulation (EU) 2019/1021 Annex I - Alkanes, C₁₀-C₁₃, chloro (short chain-chlorinated paraffins) (SCCPs) and Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)

Test Method: With reference to SGS In-House method, analysis was performed by EDXRF and GC-NCI-MS / GC-ECD / GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1	A2	A3
Cl	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion				Pass	Pass	Pass	

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4	A5	A6
Cl	-	-	mg/kg	-	BL	IN	BL
SCCPs	85535-84-8	1500	mg/kg	500	-	ND	-
Br	-	-	mg/kg	-	BL	IN	BL
HBCDD	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	75	mg/kg	50	-	ND	-
Conclusion				Pass	Pass	Pass	

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A7	B1	C1
Cl	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	BL	BL	IN
HBCDD	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	75	mg/kg	50	-	-	ND
Conclusion				Pass	Pass	Pass	

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	C2	D1	E1
Cl	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	IN	BL	BL
HBCDD	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	75	mg/kg	50	ND	-	-
Conclusion				Pass	Pass	Pass	



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	F1	G1	G2
Cl	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G3	G4	G5
Cl	-	-	mg/kg	-	BL	BL	BL
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G6	G7	G8
Cl	-	-	mg/kg	-	IN	BL	IN
SCCPs	85535-84-8	1500	mg/kg	500	ND	-	ND
Br	-	-	mg/kg	-	IN	IN	BL
HBCDD	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	75	mg/kg	50	ND	ND	-
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G9	G10	G11
Cl	-	-	mg/kg	-	IN	IN	IN
SCCPs	85535-84-8	1500	mg/kg	500	ND	ND	ND
Br	-	-	mg/kg	-	BL	BL	BL
Conclusion					Pass	Pass	Pass

Notes:

(1) There are the results on total Cl while test items on restricted substances are SCCPs and total Br are HBCDD.

Results are obtained by EDXRF for primary screening, (Cl: BL \leq (400-3 σ) $<$ X, Br: BL \leq (50-3 σ) $<$ X), and further chemical testing by GC-NCI-MS / GC-ECD / GC-MS for SCCPs or HBCDD is recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg).

(2) BL = Below Limit, IN = Inconclusive.

(3) The EDXRF screening test for Br and Cl elements, the reading may be different to the actual content in the sample be of non-uniformity composition.

(4) The exemptions laid down for HBCDD shall be reviewed and assessed by the Commission by 1 January 2026.

Based on the material risk assessment results, the selected parts in the sample photos were tested and conclusions were drawn.

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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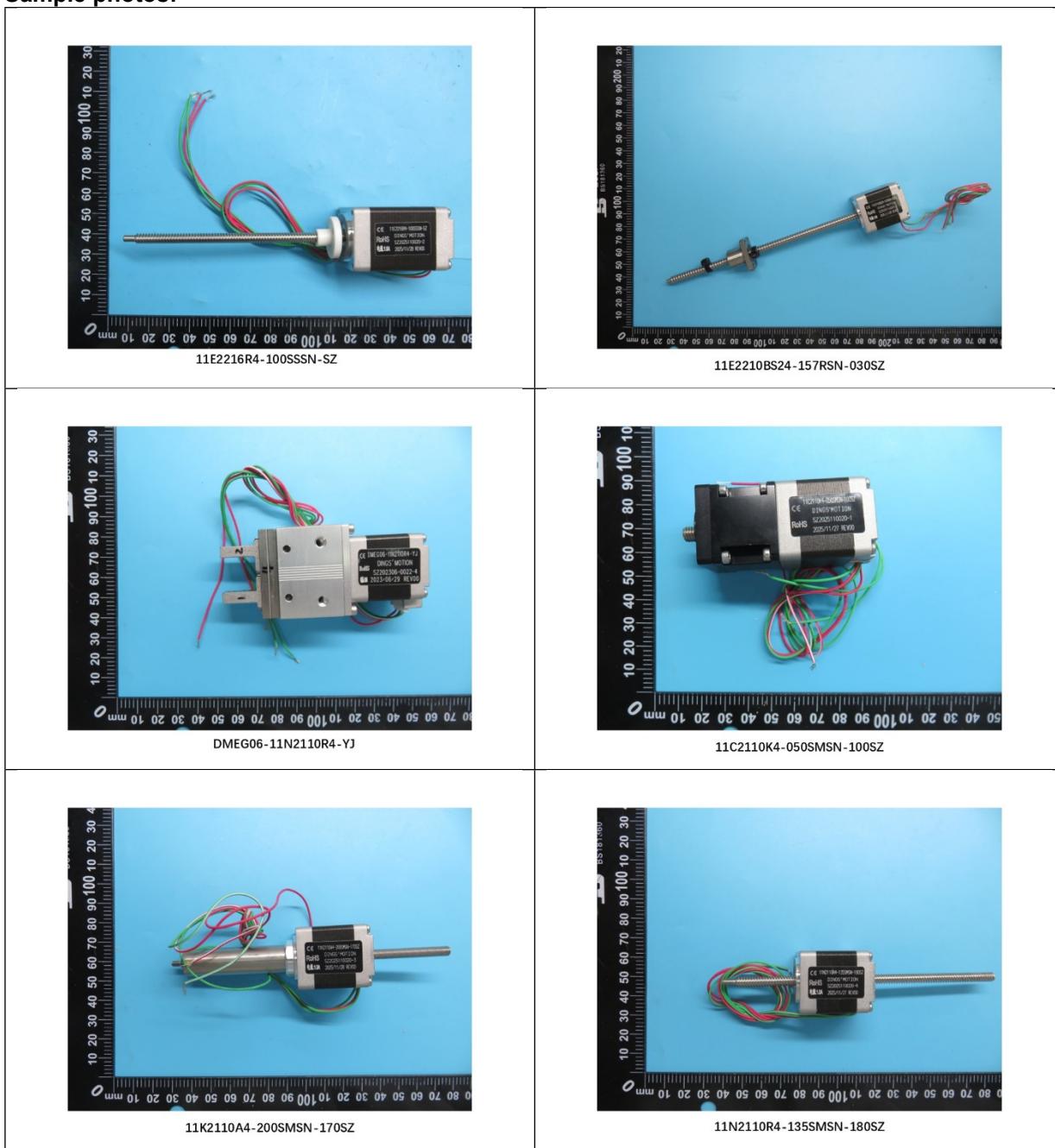
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Sample photos:



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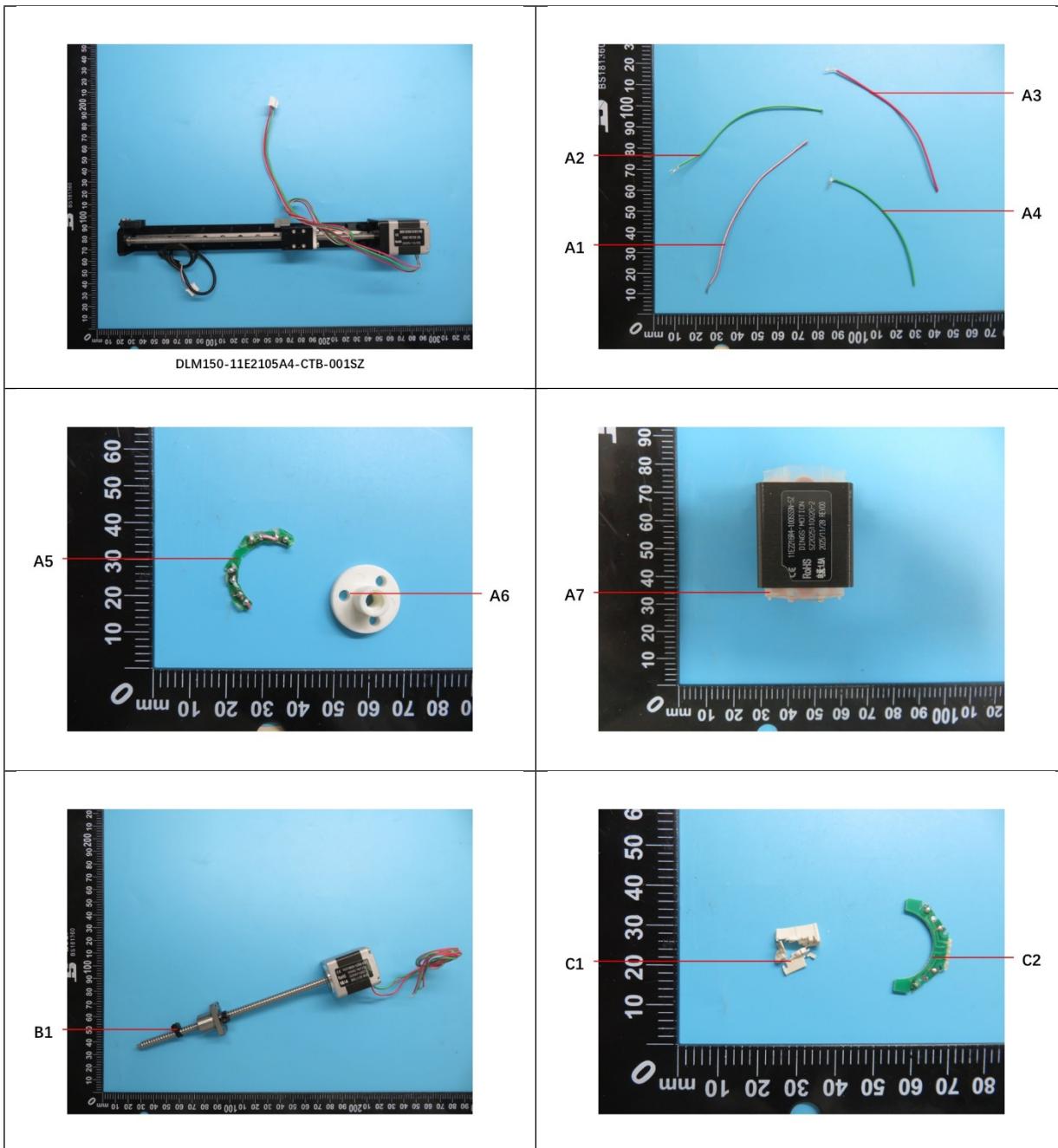
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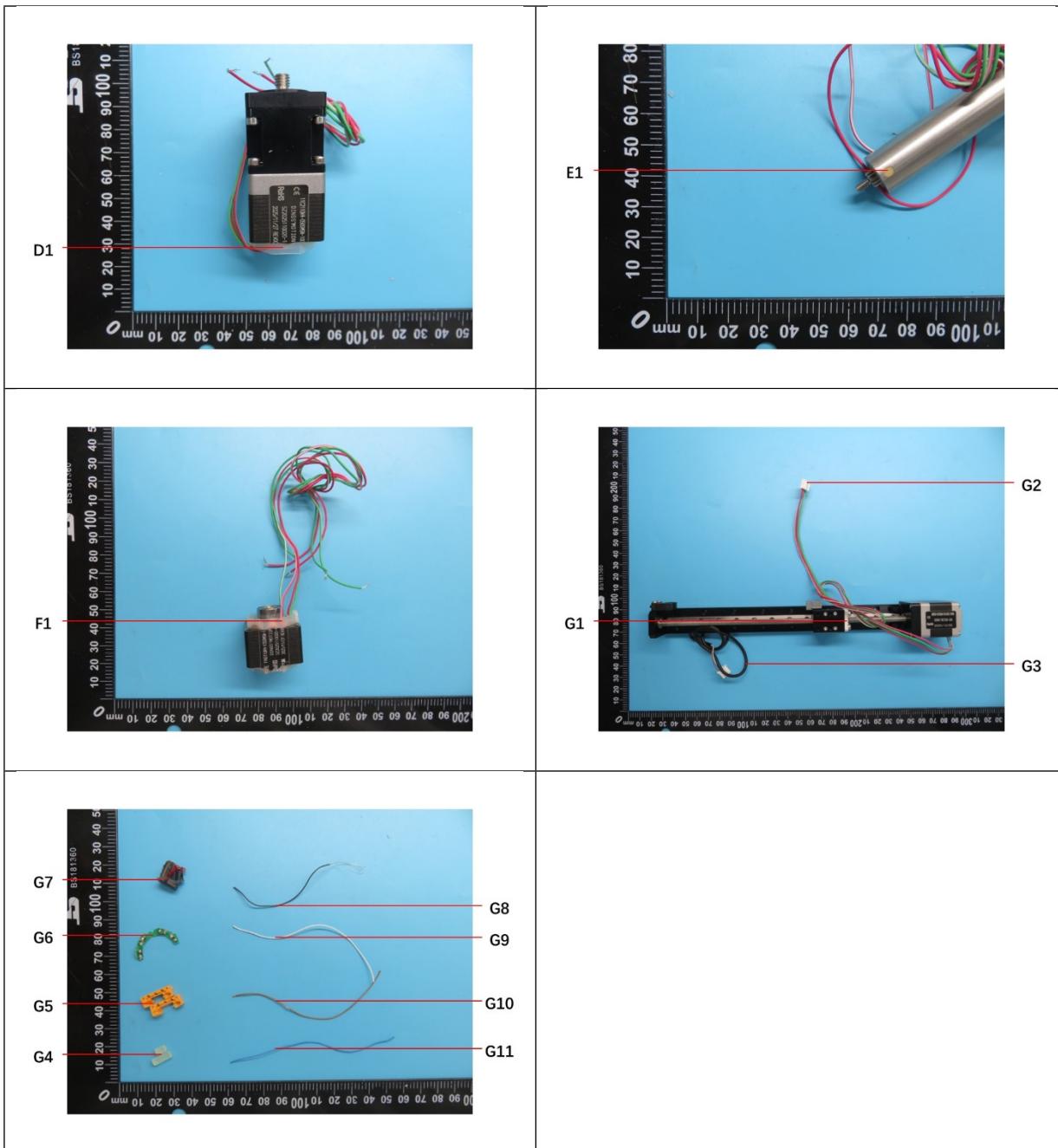
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