

## Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

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### Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

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### Part Information

**Part Number** 0039289128 **Part Weight** 2.536133G

**Part Name** A-5566-12B2GS-210 12CKT

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
A-5566-12B2GS-210 12CKT	Assembly		100	2.536133
5566-126-210 DRAIN 505120-125	Component		70.6587	1.792
PA66 NATURAL	Material		70.6587	1.792
PA66	Substance		62.2857	1.579648
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.1826	0.1568
Further Additives, not to declare	Substance	system	2.1904	0.055552
Minifit PC Tail Terminal w/o scoremark	Assembly		29.3413	0.744133
Minifit PC Tail Terminal w/o scoremark	Component		28.3897	0.72
Cartridge Brass 70% Unplated	Material		28.3897	0.72
Copper	Substance	7440-50-8	19.8728	0.504
Zinc (metal)	Substance	7440-66-6	8.5169	0.216
Gold Plating	Material		0.0961	0.002438
Cobalt	Substance	7440-48-4	0.0002	0.000006

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.0002	0.000006
Gold	Substance	7440-57-5	0.0957	0.002426
Nickel Plating	Material		0.5678	0.0144
Nickel	Substance	7440-02-0	0.5677	0.014399
Further Additives, not to declare	Substance	system	6E-05	0.000001
Tin Plating	Material		0.2876	0.007295
Tin	Substance	7440-31-5	0.2876	0.007295

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2022)4187-DC (10 June 2022)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

**\*Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number    0039289128			<div></div> <div>Hazardous Substances</div>					
Part Name    A-5566-12B2GS-210            12CKT								
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
A-5566-12B2GS-210            12CKT			O	O	O	O	O	O
5566-126-210 DRAIN    505120-125			O	O	O	O	O	O

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Minifit PC Tail Terminal w/o scoremark	O	O	O	O	O	O
Minifit PC Tail Terminal w/o scoremark	O	O	O	O	O	O

Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	240
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Jul 26, 2022

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