

# Product Compliance Declaration

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

## Contact Information

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

## Part Information

**Part Number** 0039296068 **Part Weight** 1.775366G

**Part Name** 5566-06AGS-210

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
5566-06AGS-210	Assembly		100	1.775366
5566-06-210 500842-125	Component		79.026	1.403
PA66 UF NATURAL	Material		79.026	1.403
PA66	Substance		67.9623	1.20658
Flame Retardant, ISO 1043-4 FR(30)	Substance		9.4831	0.16836
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.7903	0.01403
Calcium distearate	Substance	1592-23-0	0.7903	0.01403
NEW MINI FIT SOLDER TERM 5565GS	Assembly		20.974	0.372366
TERMINAL WITHOUT PLATING 5565GSWOP	Component		20.6155	0.366
Cartridge Brass 70% Unplated	Material		20.6155	0.366
Copper	Substance	7440-50-8	14.4308	0.2562
Zinc (metal)	Substance	7440-66-6	6.1846	0.1098
Nickel Plating	Material		0.2109	0.003744

Form Rev - F

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	0.2109	0.003744
Tin Plating	Material		0.0632	0.001122
Tin	Substance	7440-31-5	0.0632	0.001122
99.5/0.5 Gold/Cobalt Plating	Material		0.0845	0.0015
Gold	Substance	7440-57-5	0.0841	0.001492
Cobalt	Substance	7440-48-4	0.0004	0.000008

## ROHS Declaration Information

Regulatory Revision    2011/65/EU

Compliance Status    Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

## REACH-SVHC Declaration Information

Regulatory Revision    ED/30/2017 (7 July 2017)

### 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
Cobalt	99.5/0.5 Gold/Cobalt Plating	*Note	5,000	Yes

Form Rev - F

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.

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Cu (electrodeposited Copper Coatings)	*Note	150	Yes

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

Exemptions

Part Name	Exemption
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
e-plate Cu (electrodeposited Copper Coatings)	44 Concentration within acceptable GADSL limits


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number	0039296068							
Part Name	5566-06AGS-210							
Part Information								
			Hazardous Substances					
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
5566-06AGS-210			O	O	O	O	O	O
5566-06-210 500842-125			O	O	O	O	O	O
NEW MINI FIT SOLDER TERM 5565GS			O	O	O	O	O	O
TERMINAL WITHOUT PLATING 5565GSWOP			O	O	O	O	O	O

Form Rev - F

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.

---

## 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)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Jul 31, 2017

Form Rev - F

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.