

Product Compliance Declaration

Please see 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 0039296048 **Part Weight** 1.254262G

Part Name A-5566-04AGS-2

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
A-5566-04AGS-2	Assembly		100	1.254262
5566-04-210 505105-125	Component		80.2225	1.0062
PA66 NATURAL	Material		80.2225	1.0062
PA66	Substance		70.7161	0.886965
Flame Retardant, ISO 1043-4 FR(30)	Substance		7.0195	0.088042
Further Additives, not to declare	Substance	system	2.4869	0.031192
MINIFIT PC TAIL TERMINAL 5565AGS	Assembly		19.7775	0.248062
MINIFIT PC TAIL TERMINAL 5565AGSWOP	Component		19.1348	0.24
Cartridge Brass 70% Unplated	Material		19.1348	0.24
Copper	Substance	7440-50-8	13.3943	0.168
Zinc (metal)	Substance	7440-66-6	5.7404	0.072
Gold Plating	Material		0.0669	0.000839
Cobalt	Substance	7440-48-4	0.0002	0.000002

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.0002	0.000002
Gold	Substance	7440-57-5	0.0665	0.000835
Nickel Plating	Material		0.3827	0.0048
Nickel	Substance	7440-02-0	0.3827	0.0048
Further Additives, not to declare	Substance	system	4E-05	5E-07
Tin Plating	Material		0.1932	0.002423
Tin	Substance	7440-31-5	0.1932	0.002423

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(2021)4569-DC (8 July 2021)

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	0039296048		<div>Hazardous Substances</div> <table><tr><th>Lead</th><th>Mercury</th><th>Cadmium</th><th>Hex. Chromium</th><th>PBB</th><th>PBDE</th></tr><tr><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td></tr><tr><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td><td>O</td></tr></table>						Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	O	O	O	O	O	O	O	O	O	O	O	O
Lead	Mercury								Cadmium	Hex. Chromium	PBB	PBDE														
O	O								O	O	O	O														
O	O	O	O	O	O																					
Part Name	A-5566-04AGS-2																									
Part Information																										
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE																		
A-5566-04AGS-2			O	O	O	O	O	O																		
5566-04-210 505105-125			O	O	O	O	O	O																		

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MINIFIT PC TAIL TERMINAL 5565AGS	O	O	O	O	O	O
MINIFIT PC TAIL TERMINAL 5565AGSWOP	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)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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