

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 0039289188 **Part Weight** 3.582389G

Part Name A-5566-18B2GS-210 18CKT

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|----------------------------------------|-----------|------------|-------------------------|-----------------|
| A-5566-18B2GS-210 18CKT | Assembly | | 100 | 3.582389 |
| 5566-186-210 DRAIN 500731-125 | Component | | 68.8367 | 2.466 |
| PA66/6 IVORY | Material | | 68.8367 | 2.466 |
| PA66/6 | Substance | | 63.4159 | 2.271803 |
| Flame Retardant, ISO 1043-4 FR(30) | Substance | | 4.1302 | 0.14796 |
| Further Additives, not to declare | Substance | system | 0.7916 | 0.028359 |
| Antimony nickel titanium oxide yellow | Substance | 8007-18-9 | 0.0516 | 0.00185 |
| Pigment portion, not to declare | Substance | system | 0.4474 | 0.016029 |
| Minifit PC Tail Terminal w/o scoremark | Assembly | | 31.1633 | 1.116389 |
| Minifit PC Tail Terminal w/o scoremark | Component | | 30.1475 | 1.08 |
| Cartridge Brass 70% Unplated | Material | | 30.1475 | 1.08 |
| Copper | Substance | 7440-50-8 | 21.1032 | 0.756 |
| Zinc (metal) | Substance | 7440-66-6 | 9.0442 | 0.324 |

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| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|-----------------------------------|-----------|------------|-------------------------|-----------------|
| Gold Plating | Material | | 0.1101 | 0.003944 |
| Cobalt | Substance | 7440-48-4 | 0.0003 | 0.00001 |
| Nickel | Substance | 7440-02-0 | 0.0003 | 0.00001 |
| Gold | Substance | 7440-57-5 | 0.1095 | 0.003924 |
| Nickel Plating | Material | | 0.6029 | 0.0216 |
| Nickel | Substance | 7440-02-0 | 0.6029 | 0.021598 |
| Further Additives, not to declare | Substance | system | 6E-05 | 0.000002 |
| Tin Plating | Material | | 0.3027 | 0.010845 |
| Tin | Substance | 7440-31-5 | 0.3027 | 0.010845 |

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(2020)9139-DC (19 Jan 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 |
|------------------------------------------|-------------------------------------------------------------|-----------------|---------------------|---------------------|
| 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 |
| Antimony nickel titanium oxide yellow | PA66/6 IVORY | *Note | 750 | 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 0039289188 |  | Hazardous Substances | | | | | |
| Part Name A-5566-18B2GS-210 18CKT | | | | | | | |
| Part Information | | | | | | | |
| Components | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE | |
| A-5566-18B2GS-210 18CKT | O | O | O | O | O | O | |
| 5566-186-210 DRAIN 500731-125 | O | O | O | O | O | O | |
| 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 | |

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 |

Apr 30, 2021

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