

# 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** 0022041071 **Part Weight** 0.707G

**Part Name** 7CKT WAFER ASSY W/LOCK 504507A

## Product Composition

| Name                               | Type      | CAS Number | Proportion (% Total) | Mass (Grams) |
|------------------------------------|-----------|------------|----------------------|--------------|
| 7CKT WAFER ASSY W/LOCK 504507A     | Assembly  |            | 100                  | 0.707        |
| WAFER                              | Component |            | 50.495               | 0.357        |
| PA66-FR(30)                        | Material  |            | 50.495               | 0.357        |
| PA66                               | Substance |            | 43.552               | 0.307912     |
| Flame Retardant, ISO 1043-4 FR(30) | Substance |            | 4.0396               | 0.02856      |
| Further Additives, not to declare  | Substance | system     | 0.505                | 0.00357      |
| Pigment portion, not to declare    | Substance | system     | 0.3787               | 0.002677     |
| Antimonytrioxide                   | Substance | 1309-64-4  | 2.0198               | 0.01428      |
| SQ WIRE PIN .025                   | Assembly  |            | 49.505               | 0.35         |
| .025SQ WIRE PIN,PLAIN              | Component |            | 48.5149              | 0.343        |
| Cartridge Brass 70% Unplated       | Material  |            | 48.5149              | 0.343        |
| Copper                             | Substance | 7440-50-8  | 33.9604              | 0.2401       |
| Zinc (metal)                       | Substance | 7440-66-6  | 14.5545              | 0.1029       |

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) |
|----------------|-----------|------------|----------------------|--------------|
| Tin Plating    | Material  |            | 0.6136               | 0.004338     |
| Tin            | Substance | 7440-31-5  | 0.6136               | 0.004338     |
| Copper Plating | Material  |            | 0.3765               | 0.002662     |
| Copper         | Substance | 7440-50-8  | 0.3765               | 0.002662     |

---

## 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 |
|------------------|---|-----------------|---------------------|---------------------|
| Lead             | Cartridge Brass 70% (CA260)                                 | *Note           | 350                 | Yes                 |
| Lead             | e-plate Sn (electrodeposited Tin Coatings, bright and matt) | *Note           | 500                 | Yes                 |
| Antimonytrioxide | PA66-FR(30)   | *Note           | 50,000              | 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 |
|-----------------|---|-----------------|---------------------|---------------------|
| copper          | Cartridge Brass 70% (CA260)                   | *Note           | 700,000             | Yes                 |
| copper          | e-plate Cu (electrodeposited Copper Coatings) | *Note           | 999,625             | 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 |


## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

| Part Number 0022041071                   |  | <b>Hazardous Substances</b> |         |               |     |      |
|--|---|-----------------------------|---------|---------------|-----|------|
| Part Name 7CKT WAFER ASSY W/LOCK 504507A |   |                             |         |               |     |      |
| Part Information                         |   |                             |         |               |     |      |
| Components                               | Lead  | Mercury                     | Cadmium | Hex. Chromium | PBB | PBDE |
| 7CKT WAFER ASSY W/LOCK 504507A           | ○   | ○                           | ○       | ○             | ○   | ○    |
| WAFER                                    | ○   | ○                           | ○       | ○             | ○   | ○    |
| SQ WIRE PIN .025                         | ○   | ○                           | ○       | ○             | ○   | ○    |
| .025SQ WIRE PIN,PLAIN                    | ○   | ○                           | ○       | ○             | ○   | ○    |

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.

---

## Additional Information

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

---

## Process Information

|                                      |     |
|--------------------------------------|-----|
| Component Plating / Surface Finish   | N/A |
| Termination Base Alloy               | N/A |
| Solder Alloy                         | N/A |
| Process Capability                   | N/A |
| Maximum Exposure Time (seconds)      | N/A |
| Maximum Process Temperature (C)      | N/A |
| Maximum Cycles at Reflow Temperature | N/A |
| J-STD-020 Moisture Sensitivity Level | N/A |

Dec 10, 2021

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.