

# 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** 0015910160 **Part Weight** 0.969456G

**Part Name** CGrid SMT Bkwy Hdr 15 SAu 16Ckt Tube

## Product Composition

| Name                                   | Type      | CAS Number | Proportion (% Total) | Mass (Grams) |
|--|-----------|------------|----------------------|--------------|
| CGrid SMT Bkwy Hdr 15 SAu 16Ckt Tube   | Assembly  |            | 100                  | 0.969456     |
| COMPONENT CGrid Bkwy Hsg 100Ckt        | Component |            | 33.9949              | 0.329566     |
| LCP GF30 BLACK                         | Material  |            | 33.9949              | 0.329566     |
| LCP                                    | Substance |            | 23.3545              | 0.226412     |
| Carbon black                           | Substance | 1333-86-4  | 0.3399               | 0.003296     |
| GF-Fibre                               | Substance |            | 10.1985              | 0.09887      |
| Further Additives, not to declare      | Substance | system     | 0.102                | 0.000989     |
| .440 X .0255 Sq Pin 15GOLD Plate       | Assembly  |            | 66.0051              | 0.63989      |
| .440 x .0255 Sq Bandolier Pin Unplated | Component |            | 62.7156              | 0.608        |
| Cartridge Brass 70% Unplated           | Material  |            | 62.7156              | 0.608        |
| Copper                                 | Substance | 7440-50-8  | 43.9009              | 0.4256       |
| Zinc (metal)                           | Substance | 7440-66-6  | 18.8147              | 0.1824       |
| Gold Plating                           | Material  |            | 0.6037               | 0.005853     |

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| Name                              | Type      | CAS Number | Proportion (% Total) | Mass (Grams) |
|-----------------------------------|-----------|------------|----------------------|--------------|
| Cobalt                            | Substance | 7440-48-4  | 0.0015               | 0.000015     |
| Nickel                            | Substance | 7440-02-0  | 0.0015               | 0.000015     |
| Gold                              | Substance | 7440-57-5  | 0.6007               | 0.005824     |
| Nickel Plating                    | Material  |            | 1.8155               | 0.0176       |
| Nickel                            | Substance | 7440-02-0  | 1.8153               | 0.017598     |
| Further Additives, not to declare | Substance | system     | 0.0002               | 0.000002     |
| Tin Plating                       | Material  |            | 0.8703               | 0.008437     |
| Tin                               | Substance | 7440-31-5  | 0.8703               | 0.008437     |

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## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

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

### Contained Substances Exceeding Threshold

None

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## GADSL Declaration Information

**Regulatory Revision** GADSL imported from IMDS

### Contained Substances Exceeding Threshold

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| Substance Group | Substance Location  | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|-----------------|---|-----------------|---------------------|---------------------|
| Lead            | e-plate Sn (electrodeposited Tin Coatings, bright and matt) | *Note           | 500                 | Yes                 |
| Lead            | Cartridge Brass 70% (CA260)                                 | *Note           | 350                 | Yes                 |
| nickel          | e-plate Au (Hardgold) (electrodeposited Hardgold)           | *Note           | 2,500               | Yes                 |
| nickel          | 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  |
|---|--|
| e-plate Sn (electrodeposited Tin Coatings, bright and matt) | 44 Concentration within acceptable GADSL limits  |
| Cartridge Brass 70% (CA260)                                 | 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                          | 0015910160                           |  | <b>Hazardous Substances</b> |         |               |     |      |
| Part Name                            | CGrid SMT Bkwy Hdr 15 SAu 16Ckt Tube |   |                             |         |               |     |      |
| Part Information                     |                                      |   |                             |         |               |     |      |
| Components                           |                                      | Lead  | Mercury                     | Cadmium | Hex. Chromium | PBB | PBDE |
| CGrid SMT Bkwy Hdr 15 SAu 16Ckt Tube |                                      | ○   | ○                           | ○       | ○             | ○   | ○    |
| COMPONENT CGrid Bkwy Hsg 100Ckt      |                                      | ○   | ○                           | ○       | ○             | ○   | ○    |

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| Components                             | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
|--|------|---------|---------|---------------|-----|------|
| .440 X .0255 Sq Pin 15GOLD Plate       | ○    | ○       | ○       | ○             | ○   | ○    |
| .440 x .0255 Sq Bandolier Pin Unplated | ○    | ○       | ○       | ○             | ○   | ○    |

## 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                   | REFLOW |
| 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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