

## 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** 0311000040 **Part Weight** 1.776G

**Part Name** HDAC RIGHT ANGLE HEADER 4 CKT POL A

### Product Composition

| Name  | Type      | CAS Number | Proportion (% Total) | Mass (Grams) |
|---|-----------|------------|----------------------|--------------|
| HDAC RIGHT ANGLE HEADER 4 CKT POL A                         | Assembly  |            | 100                  | 1.776        |
| HDAC64 SR RA HSG 4 CKT BLK POL A                            | Component |            | 75.4505              | 1.34         |
| PS-ST GF30 Black  | Material  |            | 75.4505              | 1.34         |
| PS-ST   | Substance |            | 44.0935              | 0.783101     |
| GF-Fibre  | Substance |            | 22.7681              | 0.404361     |
| Pigment portion, not to declare                             | Substance | system     | 0.5004               | 0.008887     |
| Further Additives, not to declare                           | Substance | system     | 2.33                 | 0.041381     |
| Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated | Substance | 66070-58-4 | 5.7585               | 0.10227      |
| CAT 0 TERM - SHORT R/A PLATED SINGLATED                     | Assembly  |            | 24.5495              | 0.436        |
| CAT 0 TERMINAL - SHORT R/A PLATED                           | Assembly  |            | 24.5495              | 0.436        |
| CAT 0 TERMINAL - SHORT R/A                                  | Component |            | 24.3243              | 0.432        |
| Cartridge Brass 70% Unplated                                | Material  |            | 24.3243              | 0.432        |
| Copper  | Substance | 7440-50-8  | 17.027               | 0.3024       |

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| Name                              | Type      | CAS Number | Proportion (% Total) | Mass (Grams) |
|-----------------------------------|-----------|------------|----------------------|--------------|
| Zinc (metal)                      | Substance | 7440-66-6  | 7.2973               | 0.1296       |
| Tin Plating                       | Material  |            | 0.1386               | 0.002462     |
| Tin                               | Substance | 7440-31-5  | 0.1386               | 0.002462     |
| Nickel Plating                    | Material  |            | 0.0866               | 0.001538     |
| Nickel                            | Substance | 7440-02-0  | 0.0866               | 0.001538     |
| Further Additives, not to declare | Substance | system     | 9E-06                | 2E-07        |

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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(2020)4578-DC (25 June 2020)

### Contained Substances Exceeding Threshold

None

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## 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                 |

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| Substance Group                          | Substance Location          | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|--|-----------------------------|-----------------|---------------------|---------------------|
| lead                                     |                             | *Note           | 500                 | Yes                 |
| nickel powder [particle diameter < 1 mm] | Ep-Ni                       | *Note           | 997,500             | Yes                 |
| copper                                   | Cartridge Brass 70% (CA260) | *Note           | 700,000             | Yes                 |
| glass, oxide, chemicals                  | PS-ST GF30 Black            | *Note           | 320,000             | 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  |
|                             | 44 Concentration within acceptable GADSL limits  |
| 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 0311000040                        |  | <b>Hazardous Substances</b> |         |               |     |      |
| Part Name HDAC RIGHT ANGLE HEADER 4 CKT POL A |   |                             |         |               |     |      |
| Part Information                              |   |                             |         |               |     |      |
| Components                                    | Lead  | Mercury                     | Cadmium | Hex. Chromium | PBB | PBDE |
| HDAC RIGHT ANGLE HEADER 4 CKT POL A           | ○   | ○                           | ○       | ○             | ○   | ○    |
| HDAC64 SR RA HSG 4 CKT BLK POL A              | ○   | ○                           | ○       | ○             | ○   | ○    |
| CAT 0 TERM - SHORT R/A PLATED SINGLATED       | ○   | ○                           | ○       | ○             | ○   | ○    |
| CAT 0 TERMINAL - SHORT R/A PLATED             | ○   | ○                           | ○       | ○             | ○   | ○    |
| CAT 0 TERMINAL - SHORT R/A                    | ○   | ○                           | ○       | ○             | ○   | ○    |

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## Process Information

|                                      |          |
|--------------------------------------|----------|
| Component Plating / Surface Finish   | BSn-Ni   |
| Termination Base Alloy               | Brass    |
| Solder Alloy                         | N/A      |
| Process Capability                   | SMC&WAVE |
| Maximum Exposure Time (seconds)      | 040      |
| Maximum Process Temperature (C)      | 260      |
| Maximum Cycles at Reflow Temperature | 003      |
| J-STD-020 Moisture Sensitivity Level | N/A      |

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