

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 0026624051 **Part Weight** 1.494G

Part Name KK 156 Hdr Assy FrLk 05 Ckt Tin

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|--------------------------------------|-----------|------------|----------------------|--------------|
| KK 156 Hdr Assy FrLk 05 Ckt Tin | Assembly | | 100 | 1.494 |
| KK 156 Header FrLk 05 Ckt | Component | | 62.249 | 0.93 |
| PBT GF NATURAL | Material | | 62.249 | 0.93 |
| PBT | Substance | | 40.0172 | 0.597857 |
| Antimonytrioxide | Substance | 1309-64-4 | 3.646 | 0.054471 |
| Flame Retardant, ISO 1043-4 FR(17) | Substance | | 13.7837 | 0.205929 |
| Further Additives | Substance | system | 0.5335 | 0.007971 |
| GF-Fiber | Substance | | 4.2685 | 0.063772 |
| KK.045 Sq Pin Bando .720 (197) Sn | Assembly | | 37.751 | 0.564 |
| KK.045 Sq Pin Bando .720 (999) unplt | Component | | 36.9478 | 0.552 |
| Cartridge Brass 70% Unplated | Material | | 36.9478 | 0.552 |
| Copper | Substance | 7440-50-8 | 25.8635 | 0.3864 |
| Zinc (metal) | Substance | 7440-66-6 | 11.0843 | 0.1656 |

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| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|-------------------|-----------|------------|----------------------|--------------|
| Tin Plating | Material | | 0.3614 | 0.0054 |
| Tin | Substance | 7440-31-5 | 0.3614 | 0.0054 |
| Nickel Plating | Material | | 0.4418 | 0.0066 |
| Nickel | Substance | 7440-02-0 | 0.4417 | 0.006599 |
| Further Additives | Substance | system | 4E-5 | 7E-7 |

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/30/2017 (7 July 2017)

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 | 150 | Yes |

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| Substance Group | Substance Location | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|------------------|-----------------------------|-----------------|---------------------|---------------------|
| Antimonytrioxide | PBT GF NATURAL | *Note | 70,000 | Yes |
| Nickel | Ep-Ni | *Note | 997,500 | Yes |
| Copper | Cartridge Brass 70% (CA260) | *Note | 700,000 | Yes |
| Glass fibres | PBT GF NATURAL | *Note | 80,000 | 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 |
| 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

| Substance Group | Substance Location | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|-------------------------------|--------------------|-----------------|---------------------|---------------------|
| Bromine and its compounds | PBT GF NATURAL | 900 | 250,000 | Yes |
| Bromine and Chlorine combined | PBT GF NATURAL | 1,500 | 250,000 | Yes |

China ROHS Declaration Information

| | | | | | | | |
|---|---|-----------------------------|---------|---------|---------------|-----|------|
| Part Number 0026624051 |  | Hazardous Substances | | | | | |
| Part Name KK 156 Hdr Assy FrLk 05 Ckt Tin | | | | | | | |
| Part Information | | | | | | | |
| Components | | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
| KK 156 Hdr Assy FrLk 05 Ckt Tin | | ○ | ○ | ○ | ○ | ○ | ○ |
| KK 156 Header FrLk 05 Ckt | | ○ | ○ | ○ | ○ | ○ | ○ |

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| Components | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
|--------------------------------------|------|---------|---------|---------------|-----|------|
| KK.045 Sq Pin Bando .720 (197) Sn | ○ | ○ | ○ | ○ | ○ | ○ |
| KK.045 Sq Pin Bando .720 (999) unplt | ○ | ○ | ○ | ○ | ○ | ○ |

Process Information

| | |
|--------------------------------------|---------|
| Component Plating / Surface Finish | MSn-RNi |
| Termination Base Alloy | Brass |
| Solder Alloy | N/A |
| Process Capability | WAVE |
| Maximum Exposure Time (seconds) | 005 |
| Maximum Process Temperature (C) | 235 |
| Maximum Cycles at Reflow Temperature | 001 |
| J-STD-020 Moisture Sensitivity Level | N/A |

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