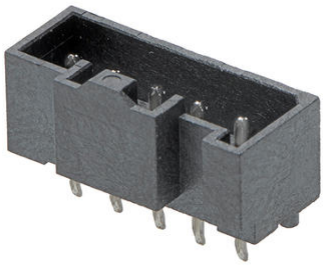
**Part Number :** 2078430005
**Product Description :** KK Plus 250 Header, 2.50mm Pitch, Vertical, Fully Shrouded, Tin (Sn) Plating, 5 Circuits, with Peg, Glow-Wire Capable
**Series Number :** 207843
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

2078430005_sd.pdf

2078430000-PK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

2079020001-AS-000.pdf

2079020001-PS-000.pdf

2079020001-PS-CH-000.pdf

2079020001-PS-ES-000.pdf

2079020001-PS-JP-000.pdf

2079020001-PS-SK-000.pdf

2079020000-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |

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| | |
|---|---|
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 207843 |
| Description | KK Plus 250 Header, 2.50mm Pitch, Vertical, Fully Shrouded, Tin (Sn) Plating, 5 Circuits, with Peg, Glow-Wire Capable |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | KK Plus |
| UPC | 191130123155 |

### Agency

| | |
|---|---|
| CSA | 152514 |
| UL | E29179 |

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## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 6.5A |
| Voltage - Maximum | 250V AC (RMS)/DC |

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Gender | Male |
| Glow-Wire Capable | Yes |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Mounting Style | Through Hole |
| Net Weight | 0.509/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PCB Locator | No |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.45mm |
| Pitch - Mating Interface | 2.50mm |
| Pitch - Termination Interface | 2.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Shrouded |

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| | |
|---|---|
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| KK Plus 250 Single Row Receptacle Housings | 207841 |



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