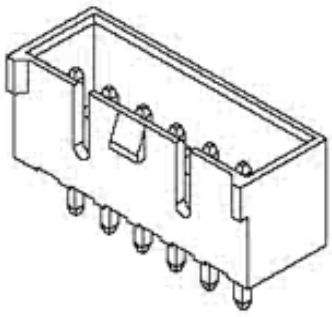
**Part Number :** 353120760
**Product Description :** 2.50mm Pitch Header, Vertical, Shrouded, with Positive Lock, 7 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural
**Series Number :** 35312
**Status :** Not Recommended For New Design
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

353120760_sd.pdf

353120760_stp.zip

Symbol and Footprint (Multi-Format)

### Specifications

PK-35312-013-001.pdf

PK-35312-014-001.pdf

PS-35155-002-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| 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 | Not Recommended For New Design |
| Category | PCB Headers and Receptacles |
| Series | 35312 |
| Description | 2.50mm Pitch Header, Vertical, Shrouded, with Positive Lock, 7 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | N/A |
| UPC | 822348799251 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |

| | |
|---|---|
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 0.687/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.40mm |
| Pitch - Mating Interface | 2.50mm |
| Pitch - Termination Interface | 2.50mm |
| Plating min - Mating | 5.080µm |
| Plating min - Termination | 5.080µm |
| Polarized to PCB | No |
| Shrouded | Partial |
| 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 |
|---|---|
| 2.50mm Pitch Wire-to-Board Housings | 35155 |