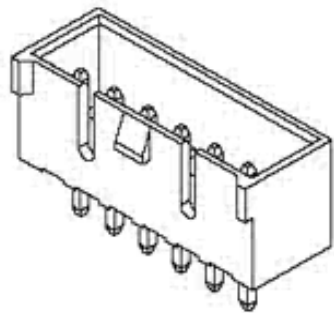




**Part Number :** [353120760](#)  
**Product Description :** 2.50mm Pitch Header,  
Vertical, Shrouded, with Positive Lock, 7 Circuits, PA  
Polyamide (Nylon) 6/6, Glass-filled, Natural  
**Series Number :** 35312  
**Status :** Not Recommended For New Design  
**Product Category :** PCB Headers and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

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number                  |
|-------------------------------------|------------------------------|
| 2.50mm Pitch Wire-to-Board Housings | <u><a href="#">35155</a></u> |

