

**Part Number :** [353120460](#)

**Product Description :** 2.50mm Pitch Header, Vertical, Shrouded, with Positive Lock, 4 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural

**Series Number :** 35312

**Status :** Not Recommended For New Design

**Product Category :** PCB Headers and Receptacles

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## Documents and Resources

### Drawings

[353120460 sd.pdf](#)

[353120460 stp.zip](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[PK-35312-013-001.pdf](#)


[PK-35312-014-001.pdf](#)

[PS-35155-002-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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, 4 Circuits, PA Polyamide (Nylon) 6/6, Glass-filled, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	N/A
UPC	822348400010

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	4

Circuits (maximum)	4
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	No
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.446/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.40mm
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	<u><a href="#">35155</a></u>

Housings	
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