



**Part Number :** [1733050115](#)  
**Product Description :** SpeedEdge Vertical Plug,  
0.80mm Pitch, 1.40mm Height, 60 Circuits, UL94V-0,  
Black  
**Series Number :** 173305  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents & Resources

### Drawings

[1733050115\\_sd.pdf](#)  
[PK-70873-6003-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[1733000008-000.pdf](#)  
[1733000008-000.zip](#)

### Specifications

[1733000001-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(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

---

## Part Details

### General

|                |                                                                                   |
|----------------|-----------------------------------------------------------------------------------|
| Status         | Active                                                                            |
| Category       | Board-to-Board Connectors                                                         |
| Series         | 173305                                                                            |
| Description    | SpeedEdge Vertical Plug, 0.80mm Pitch, 1.40mm Height, 60 Circuits, UL94V-0, Black |
| Application    | Mezzanine, Board-to-Board                                                         |
| Component Type | PCB Header                                                                        |
| Product Name   | SpeedEdge                                                                         |
| UPC            | 889056649117                                                                      |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

|                               |                   |
|-------------------------------|-------------------|
| Current - Maximum per Contact | 1.0A              |
| Voltage - Maximum             | 29.9V AC (RMS)/DC |

### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 60 |

|                                |                        |
|--------------------------------|------------------------|
| Circuits (maximum)             | 60                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 5                      |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | No                     |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.604/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | Yes                    |
| PCB Retention                  | Yes                    |
| Pitch - Mating Interface       | 0.80mm                 |
| Pitch - Termination Interface  | 0.80mm                 |
| Plating min - Mating           | 0.762µm                |
| Plating min - Termination      | 0.762µm                |
| Polarized to PCB               | Yes                    |
| Temperature Range - Operating  | -40° to +105°C         |
| Termination Interface Style    | Surface Mount          |

---

## Mates With / Use With

### Mates with Part(s)

| Description                                                                                   | Part Number                       |
|-----------------------------------------------------------------------------------------------|-----------------------------------|
| SpeedEdge Vertical Receptacle,<br>0.80mm Pitch, 5.60mm Height, 82<br>Circuits, UL94V-0, Black | <u><a href="#">1733000114</a></u> |
| SpeedEdge Vertical Receptacle,<br>0.80mm Pitch, 5.60mm Height, 60<br>Circuits, UL94V-0, Black | <u><a href="#">1733000106</a></u> |