



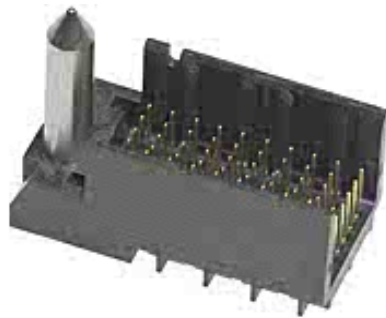
**Part Number :** [1710653107](#)

**Product Description :** Impact 85 Ohm Plus 2 Pair Vertical Backplane Header, Left Guided, Open Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

**Series Number :** 171065

**Status :** Active

**Product Category :** Backplane Connectors



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## Documents and Resources

### Drawings

[1710653107 sd.pdf](#)

[PK-70873-761-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-76060-990-001.pdf](#)

[PS-170540-999-001.pdf](#)

[PS-45499-002-001.pdf](#)

[PS-76060-999-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34                                                                         |
| China RoHS         |  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(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       | Backplane Connectors                                                                                                                                                        |
| Series         | 171065                                                                                                                                                                      |
| Description    | Impact 85 Ohm Plus 2 Pair Vertical Backplane Header, Left Guided, Open Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free |
| Application    | Conventional                                                                                                                                                                |
| Component Type | PCB Header                                                                                                                                                                  |
| Product Name   | Impact                                                                                                                                                                      |
| UPC            | 887191626833                                                                                                                                                                |

## Agency

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

## Electrical

|                               |           |
|-------------------------------|-----------|
| Current - Maximum per Contact | 0.75A     |
| Data Rate                     | 25.0 Gbps |
| Impedance                     | 85Ω       |

|                   |                 |
|-------------------|-----------------|
| Shielded          | No              |
| Shield Type       | N/A             |
| Voltage - Maximum | 30V AC (RMS)/DC |

## Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 60                             |
| Circuits (maximum)             | 60                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 200                            |
| First Mate / Last Break        | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | None                           |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 4.281/g                        |
| Number of Columns              | 10                             |
| Number of Pairs                | 2                              |
| Number of Rows                 | 6                              |
| Orientation                    | Vertical                       |
| Packaging Type                 | Tray                           |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.00mm                         |
| PC Tail Length                 | 1.20mm                         |
| Pitch - Mating Interface       | 1.35mm, 1.90mm                 |
| Pitch - Termination Interface  | 1.35mm, 1.90mm                 |
| Plating min - Mating           | 0.762µm                        |
| Polarized to PCB               | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface Style    | Through Hole - Compliant Pin   |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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# Application Tooling

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