

Part Number : [1715739605](#)

Product Description : Impact 100 Ohm 3 Pair Right-Angle Orthogonal Direct Header, Bottom Guide, Top Endwall, with Outrigger, 6 Column, 90° Mate Position, Pin Length 5.50mm, Plated Through-Hole Dimension 0.46mm, Lead-Free

Series Number : 171573

Status : Active

Product Category : Backplane Connectors



Documents and Resources

Drawings

[1715739605 sd.pdf](#)

[PK-70873-8019-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[SYM-171573-9605-001.zip](#)

Specifications

[AS-76060-9999-001.pdf](#)


[AS-76850-990-001.pdf](#)

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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(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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Backplane Connectors |
| Series | 171573 |
| Description | Impact 100 Ohm 3 Pair Right-Angle Orthogonal Direct Header, Bottom Guide, Top Endwall, with Outrigger, 6 Column, 90° Mate Position, Pin Length 5.50mm, Plated Through-Hole Dimension 0.46mm, Lead-Free |
| Application | Orthogonal Direct |
| Component Type | PCB Header |
| Product Name | Impact |
| UPC | 887191432663 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
|-----|---------|

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

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A |
| Data Rate | 25.0 Gbps |
| Impedance | 100Ω |
| Shielded | No |
| Shield Type | N/A |
| Voltage - Maximum | 30V AC (RMS)/DC |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 54 |
| Circuits (maximum) | 54 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Guide to Mating Part | Yes |
| Keying to Mating Part | No |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 14.278/g |
| Number of Columns | 6 |
| Number of Pairs | 3 |
| Number of Rows | 9 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.00mm |
| PC Tail Length | 1.20mm |
| Pitch - Mating Interface | 1.35mm, 1.90mm, 2.15mm |
| Pitch - Termination Interface | 1.35mm, 1.90mm, 2.15mm |

| | |
|-------------------------------|------------------------------|
| Plating min - Mating | 0.762µm |
| Polarized to PCB | Yes |
| 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 |
|------------------------------|-----|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|--------------|
| Impact 100 Ohm 3 Pair Right-Angle Orthogonal Daughtercards | <u>76860</u> |

Application Tooling

This document was generated on Jun 07, 2026