



Part Number : [783472001](#)

**Product Description :** Impact 3 Pair, Right-Angle Power Header, Right Hold-Down, Press-Fit, Module 1: P1 & P2 Blade Length 6.90mm, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Series Number : 78347

Status : Active

Product Category : Backplane Connectors

---

## Documents & Resources

### Drawings

[Drawing 783472001\\_sd.pdf](#)

[Packaging Design Drawing PK-78347-001-001.pdf](#)

### 3D Models and Design Files

[3D Model 783472001\\_stp.zip](#)

[Symbol Footprint Data SYM-78347-2001-001.zip](#)

### Specifications


[Application Specification AS-76060-9997-001.pdf](#)

[Product Specification PS-78213-001-001.pdf](#)

---

## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 2024)  |
| EU RoHS            | Compliant per EU 2015/863   |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

---

## Part Details

### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | Backplane Connectors  |
| Series         | 78347   |
| Description    | Impact 3 Pair, Right-Angle Power Header, Right Hold-Down, Press-Fit, Module 1: P1 & P2 Blade Length 6.90mm, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free |
| Application    | Conventional, Coplanar  |
| Component Type | Power Header  |
| Product Family | Impact Backplane Connector and Cable Assembly System  |
| Product Name   | Impact  |
| UPC            | 884982774452  |

### Agency

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

### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 15.0A |
| Data Rate                     | N/A   |
| Shield Type                   | N/A   |
| Shielded                      | No    |
| Voltage - Maximum             | 250V  |

### Physical

|                    |       |
|--------------------|-------|
| Circuits (Loaded)  | 4     |
| Circuits (maximum) | 4     |
| Color - Resin      | Black |

|                                |                                |
|--------------------------------|--------------------------------|
| Durability (mating cycles max) | 200                            |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Guide to Mating Part           | No                             |
| 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                     | 7.286/g                        |
| Number of Columns              | N/A                            |
| Number of Pairs                | 3                              |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Tray                           |
| PC Tail Length                 | 2.50mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Pitch - Mating Interface       | 5.20mm                         |
| Pitch - Termination Interface  | 2.00mm, 3.20mm                 |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 2.540µm                        |
| 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 |
|------------------------------|-----|

---

#### Mates With / Use With

##### Mates with Part(s)

| Description | Part Number |
|-------------|-------------|
|-------------|-------------|

|   |              |
|---|--------------|
| Impact 3 Pair Vertical Power Receptacles    | <u>78212</u> |
| Impact 3 Pair Right-Angle Power Receptacles | <u>78348</u> |

---

This document was generated on Apr 13, 2024