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Part Number:

0783471011

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 3 Pair, Right Angle Power Header, Left Hold-Down, Press-Fit, Module 1: P1 & P2, Blade Length 6.90mm; Module 2: P1 & P2 Blade Length 6.90mm, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-78213-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Agency Certification           |                                                       |
| UL                             | E29179                                                |
| General                        |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 78347                                                 |
| Application                    | Conventional, Coplanar                                |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | Power Header                                          |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 884982472037                                          |
| 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                     | 12.645/g                                              |
| Number of Columns              | N/A                                                   |
| Number of Pairs                | 3                                                     |
| Number of Rows                 | 2                                                     |
| Orientation                    | Right Angle                                           |
| PC Tail Length                 | 2.50mm                                                |
| PCB Locator                    | No                                                    |
| PCB Retention                  | None                                                  |
| PCB Thickness - Recommended    | 1.60mm                                                |
| Packaging Type                 | Tray                                                  |
| 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                                                    |
| Surface Mount Compatible (SMC) | No                                                    |
| Temperature Range - Operating  | -55°C to +85°C                                        |
| Termination Interface: Style   | Through Hole - Compliant Pin                          |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

78347 Series

Mates With

78212 Impact™ Vertical Receptacle, 78348

Right Angle Receptacle

Application Tooling | FAQ

Tooling specifications and manuals are

found by selecting the products below.

Crimp Height Specifications are then

contained in the Application Tooling

Specification document.

Global

Description

Product #

Right Angle Power

Module Installation,

Press-In Tool

Impact™ Power

Module Right Angle

Removal Tool

0622018649

0622024500

**Electrical**

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

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                       |                |
|-----------------------|----------------|
| Product Specification | PS-78213-001   |
| Sales Drawing         | SD-78347-001   |
| Symbol/Footprint Data | SYM-78347-1011 |

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