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Part Number:

0761651118

Status:

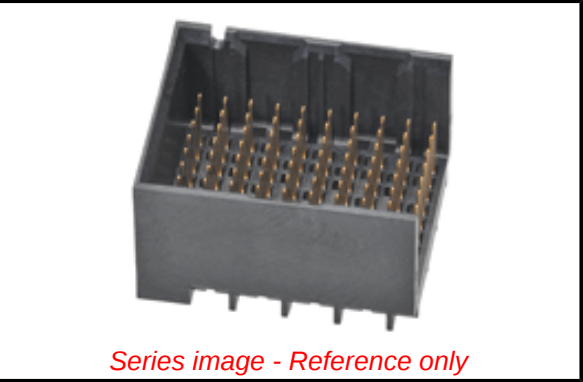
Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Vertical Backplane Header, Unguided, Left Endwall, 10 Columns, 90 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-76060-999 \(PDF\)](#)

[Application Specification AS-76060-990 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Agency Certification           |                                                       |
| UL                             | E29179                                                |
| General                        |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 76165                                                 |
| Application                    | Conventional, Mezzanine                               |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | PCB Header                                            |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 883906223489                                          |
| Physical                       |                                                       |
| Circuits (Loaded)              | 90                                                    |
| Circuits (maximum)             | 90                                                    |
| 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                     | 2.397/g                                               |
| Number of Columns              | 10                                                    |
| Number of Pairs                | 3                                                     |
| Number of Rows                 | 9                                                     |
| Orientation                    | Vertical                                              |
| PC Tail Length                 | 1.40mm                                                |
| PCB Locator                    | No                                                    |
| PCB Retention                  | None                                                  |
| PCB Thickness - Recommended    | 1.00mm                                                |
| Packaging Type                 | Tray                                                  |
| Pitch - Mating Interface       | 1.90mm                                                |
| Pitch - Termination Interface  | 1.90mm                                                |
| Plating min - Mating           | 0.762µm                                               |
| Polarized to PCB               | No                                                    |
| Temperature Range - Operating  | -55°C to +85°C                                        |
| Termination Interface: Style   | Through Hole - Compliant Pin                          |

Electrical

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

Please visit the Contact Us section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

76165 Series

Mates With

76170 Impact™ 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

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 #

Backplane Module

0622018647

Installation, Press-In

Tool

|                                    |                 |                                                |
|------------------------------------|-----------------|------------------------------------------------|
| Current - Maximum per Contact      | 0.75A           | Backplane Insertion <a href="#">0621005800</a> |
| Data Rate                          | 25.0 Gbps       | Tool for Signal                                |
| Impedance                          | 100#            | Contact                                        |
| Shield Type                        | N/A             | Backplane Header <a href="#">0621009610</a>    |
| Shielded                           | No              | Removal Tool for                               |
| Voltage - Maximum                  | 30V AC (RMS)/DC | GbX-U™, I-Trac™,                               |
| <b>Solder Process Data</b>         |                 | Impact™, or TinMan                             |
| Lead-freeProcess Capability        | N/A             |                                                |
| <b>Material Info</b>               |                 |                                                |
| <b>Reference - Drawing Numbers</b> |                 |                                                |
| Application Specification          | AS-76060-990    |                                                |
| Electrical Model Document          | EE-76170-0001   |                                                |
| Product Specification              | PS-76060-999    |                                                |
| Sales Drawing                      | SD-76165-001    |                                                |
| Symbol/Footprint Data              | SYM-76165-1118  |                                                |

This document was generated on 07/01/2015

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