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Part Number:

0761651635

Status:

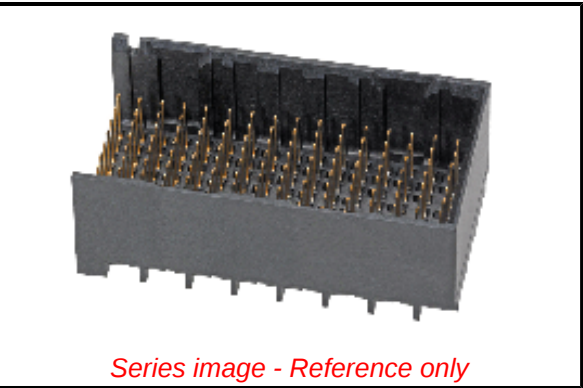
Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 3 Pair Vertical Backplane Header, Unguided, Right Endwall, 16 Columns, 144 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free



Series image - Reference only

|                                                                  |                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------|
| Documents:                                                       |                                                                   |
| <a href="#">3D Model</a>                                         | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Packaging Specification PK-70873-7700-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Symbol Footprint Data SYM-76165-1635 (PDF)</a>        |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> |                                                                   |

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| 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                            | 883906226145                                         |
| Physical                       |                                                      |
| Circuits (Loaded)              | 144                                                  |
| Circuits (maximum)             | 144                                                  |
| 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                     | 3.620/g                                              |
| Number of Columns              | 16                                                   |
| 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                                                   |
| Stackable                      | No                                                   |
| Temperature Range - Operating  | -55° to +85°C                                        |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)9139-DC (19 Jan 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

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 Insertion Tool for Signal Contact                                          | 621005800 |
| Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan | 621009610 |

|                                    |                                     |                                   |
|------------------------------------|-------------------------------------|-----------------------------------|
| Termination Interface: Style       | Through Hole - Compliant Pin        | Backplane Module <u>622018651</u> |
| <b>Electrical</b>                  |                                     | Installation, Press-In            |
| Current - Maximum per Contact      | 0.75A                               | Tool                              |
| Data Rate                          | 25.0 Gbps                           |                                   |
| Impedance                          | 100Ω                                |                                   |
| Shield Type                        | N/A                                 |                                   |
| Shielded                           | No                                  |                                   |
| Voltage - Maximum                  | 30V AC (RMS)/DC                     |                                   |
| <b>Solder Process Data</b>         |                                     |                                   |
| Lead-freeProcess Capability        | N/A                                 |                                   |
| <b>Material Info</b>               |                                     |                                   |
| <b>Reference - Drawing Numbers</b> |                                     |                                   |
| Application Specification          | AS-76060-990-001, AS-76060-9999-001 |                                   |
| Packaging Specification            | PK-70873-7700-001                   |                                   |
| Product Specification              | PS-76060-999-001                    |                                   |
| Sales Drawing                      | SD-76165-001-001                    |                                   |
| Symbol/Footprint Data              | SYM-76165-1635                      |                                   |

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