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Part Number:

0761451117

Status:

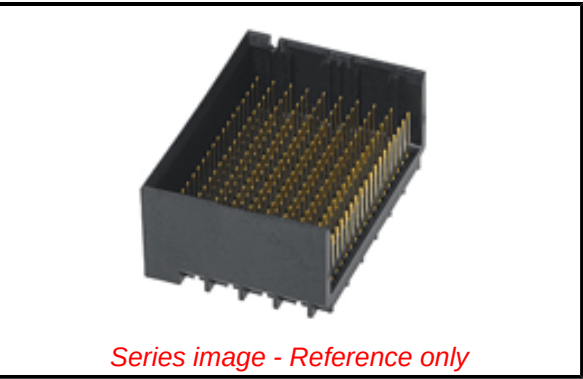
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Left Endwall, 10 Columns, 180 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Series image - Reference only

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76060-990-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-70873-7703 (PDF)</a>      |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Agency Certification           |                                                   |
| UL                             | E29179                                            |
| General                        |                                                   |
| Product Family                 | Backplane Connectors                              |
| Series                         | 76145                                             |
| Application                    | Conventional                                      |
| Application Tooling Documents  | TM-622018799                                      |
| Component Type                 | PCB Header                                        |
| Overview                       | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name                   | Impact                                            |
| UPC                            | 883906407681                                      |
| Physical                       |                                                   |
| Circuits (Loaded)              | 180                                               |
| Circuits (maximum)             | 180                                               |
| 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                     | 3.992/g                                           |
| Number of Columns              | 10                                                |
| Number of Pairs                | 6                                                 |
| Number of Rows                 | 18                                                |
| 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                                     |
| Termination Interface: Style   | Through Hole - Compliant Pin                      |
| Electrical                     |                                                   |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/71/2019 (16 July 2019)                 |               |
| 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

76145 Series

Mates With

76150 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                                          | <a href="#">621005800</a> |
| Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan | <a href="#">621009610</a> |

|                                    |                  |                      |                  |
|------------------------------------|------------------|----------------------|------------------|
| Current - Maximum per Contact      | 0.75A            | Backplane Signal     | <u>622018662</u> |
| Data Rate                          | 25.0 Gbps        | Module Assembly      |                  |
| Impedance                          | 100Ω             | Press-In Tool for 6- |                  |
| Shield Type                        | N/A              | Pair by 10-Column    |                  |
| Shielded                           | No               | Assemblies           |                  |
| 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 |                      |                  |
| Packaging Specification            | PK-70873-7703    |                      |                  |
| Product Specification              | PS-76060-999-001 |                      |                  |
| Sales Drawing                      | SD-76145-001-001 |                      |                  |
| Symbol/Footprint Data              | SYM-76145-1117   |                      |                  |

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