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Part Number:

0761455106

Status:

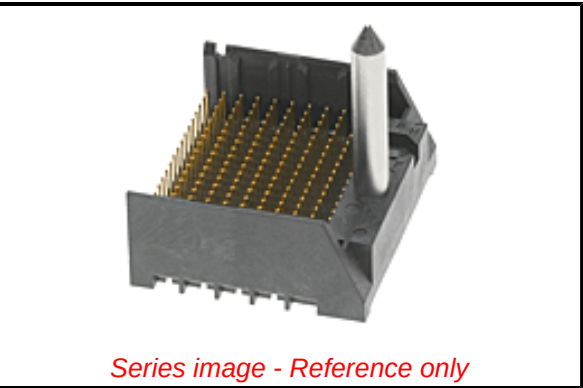
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 6 Pair Vertical Backplane Header, Right Guided, Open Endwall, 10 Columns, 180 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Series image - Reference only

|                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Documents:                                   |                                                  |
| 3D Model                                     | Application Specification AS-76060-990-001 (PDF) |
| Drawing (PDF)                                | Packaging Specification PK-70873-760-001 (PDF)   |
| Product Specification PS-76060-999-001 (PDF) | RoHS Certificate of Compliance (PDF)             |

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| 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                            | 883906410551                                      |
| 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           | Yes                                               |
| 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                     | 7.344/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                  | Yes                                               |
| 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               | Yes                                               |
| Stackable                      | No                                                |
| Temperature Range - Operating  | -55° to +85°C                                     |
| Termination Interface: Style   | Through Hole - Compliant Pin                      |

Electrical

|                                                               |              |
|---------------------------------------------------------------|--------------|
| EU ELV                                                        |              |
| Not Reviewed                                                  |              |
| EU RoHS                                                       | China RoHS   |
| Not Reviewed                                                  |              |
| REACH SVHC                                                    |              |
| Not Reviewed                                                  |              |
| Halogen-Free                                                  |              |
| Status                                                        |              |
| Not Reviewed                                                  |              |
| For more information, please visit <a href="#">Contact US</a> |              |
| China ROHS                                                    | Not Reviewed |
| ELV                                                           | Not Reviewed |
| RoHS Phthalates                                               | Not Reviewed |

Search Parts in this Series

76145 Series

Mates With

76150 Impact 100 Ohm Daughtercard

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 |
| Backplane Signal Module Assembly Press-In Tool for 6-Pair by 10-Column Assemblies    | 622018662 |

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A           |
| Data Rate                     | 25.0 Gbps       |
| Impedance                     | 100Ω            |
| Shield Type                   | N/A             |
| Shielded                      | No              |
| Voltage - Maximum             | 30V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-76060-990-001 |
| Packaging Specification   | PK-70873-760-001 |
| Product Specification     | PS-76060-999-001 |
| Sales Drawing             | SD-76145-003-001 |
| Symbol/Footprint Data     | SYM-76145-5106   |

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