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Part Number:

0769851128

Status:

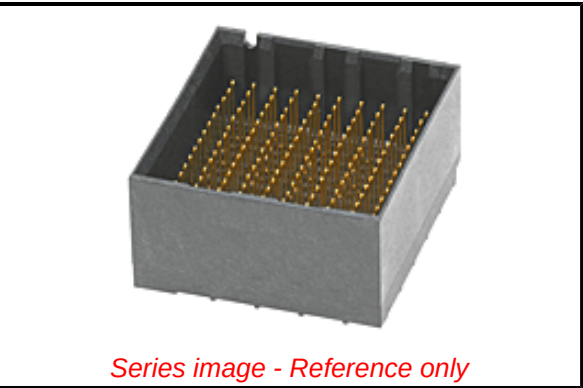
Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 5 Pair Vertical Orthogonal Header Unguided, Dual Endwall, 10 Columns, 150 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Documents:

3D Model

Application Specification AS-76850-990-001 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-7707-001 (PDF)

Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)

Application Specification AS-76060-9999-001 (PDF)

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Agency Certification           |                                                      |
| UL                             | E29179                                               |
| General                        |                                                      |
| Product Family                 | Backplane Connectors                                 |
| Series                         | 76985                                                |
| Application                    | Orthogonal Midplane                                  |
| Application Tooling Documents  | TM-622018799                                         |
| Component Type                 | PCB Header                                           |
| Overview                       | Impact Backplane Connector and Cable Assembly System |
| Product Name                   | Impact                                               |
| UPC                            | 884982485532                                         |
| Physical                       |                                                      |
| Circuits (Loaded)              | 150                                                  |
| Circuits (maximum)             | 150                                                  |
| 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                     | 4.777/g                                              |
| Number of Columns              | 10                                                   |
| Number of Pairs                | 5                                                    |
| Number of Rows                 | 15                                                   |
| Orientation                    | Vertical                                             |
| PC Tail Length                 | 1.40mm                                               |
| PCB Locator                    | No                                                   |
| PCB Retention                  | None                                                 |
| PCB Thickness - Recommended    | 3.00mm                                               |
| Packaging Type                 | Tray                                                 |
| Pitch - Mating Interface       | 1.90mm, 2.15mm                                       |
| Pitch - Termination Interface  | 1.90mm, 2.15mm                                       |
| 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                         |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76985 Series

Mates With

76990 Impact 100 Ohm Right Angle Orthogonal 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 # |
|-------------------------------------|-----------|
| Impact Ortho Backplane Removal Tool | 621009620 |
| Impact Backplane Press-In Tool      | 622030580 |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| 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 |

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                     |
|---------------------------|-------------------------------------|
| Application Specification | AS-76060-9999-001, AS-76850-990-001 |
| Packaging Specification   | PK-70873-7707-001                   |
| Product Specification     | PS-76060-999-001                    |
| Sales Drawing             | SD-171884-0001, SD-76985-001-001    |
| Symbol/Footprint Data     | SYM-76985-1128                      |

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