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Part Number:

0761551838

Status:

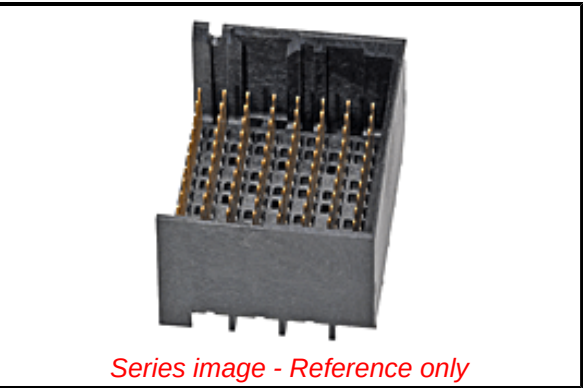
Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Right Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Series image - Reference only

|                                                  |                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------|
| Documents:                                       |                                                                   |
| 3D Model                                         | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| 3D Model (PDF)                                   | <a href="#">Packaging Specification PK-70873-7701-001 (PDF)</a>   |
| Drawing (PDF)                                    | <a href="#">Test Summary TS-76160-0001-001 (PDF)</a>              |
| Product Specification PS-76060-999-001 (PDF)     | <a href="#">Symbol Footprint Data SYM-76155-1838-001 (PDF)</a>    |
| Application Specification AS-76060-990-001 (PDF) | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| Application Specification AS-76060-994-001 (PDF) |                                                                   |

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Agency Certification           |                                                      |
| UL                             | E29179                                               |
| General                        |                                                      |
| Product Family                 | Backplane Connectors                                 |
| Series                         | 76155                                                |
| Application                    | Conventional                                         |
| Application Tooling Documents  | TM-622018799-001                                     |
| Component Type                 | PCB Header                                           |
| Overview                       | Impact Backplane Connector and Cable Assembly System |
| Product Name                   | Impact                                               |
| UPC                            | 883906416928                                         |
| Physical                       |                                                      |
| Circuits (Loaded)              | 96                                                   |
| Circuits (maximum)             | 96                                                   |
| 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                     | 2.414/g                                              |
| Number of Columns              | 8                                                    |
| Number of Pairs                | 4                                                    |
| Number of Rows                 | 12                                                   |
| 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                                                   |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

76155 Series

Mates With

76160 Impact 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Temperature Range - Operating      | -55° to +85°C                                            |
| Termination Interface: Style       | Through Hole - Compliant Pin                             |
| <b>Electrical</b>                  |                                                          |
| 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                                          |
| <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-76060-994-001,<br>AS-76060-9999-001 |
| Packaging Specification            | PK-70873-7701-001                                        |
| Product Specification              | PS-76060-999-001                                         |
| Sales Drawing                      | SD-76155-001-001                                         |
| Symbol/Footprint Data              | SYM-76155-1838-001                                       |
| Test Summary                       | TS-76160-0001-001                                        |

This document was generated on 01/03/2022

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