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Part Number:

0760553606

Status:

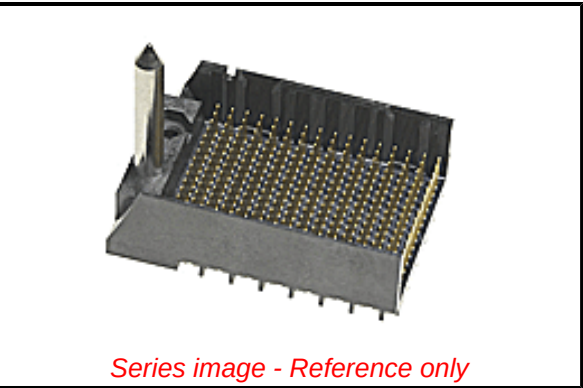
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 5 Pair Vertical Backplane Header, Left Guided, Open Endwall, 16 Columns, 240 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-70873-759 (PDF)

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

RoHS Certificate of Compliance (PDF)

Application Specification AS-76060-990-001 (PDF)

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Agency Certification           |                                                   |
| UL                             | E29179                                            |
| General                        |                                                   |
| Product Family                 | Backplane Connectors                              |
| Series                         | 76055                                             |
| Application                    | Conventional, Mezzanine                           |
| Application Tooling Documents  | TM-622018799                                      |
| Component Type                 | PCB Header                                        |
| Overview                       | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name                   | Impact                                            |
| UPC                            | 883906414122                                      |
| Physical                       |                                                   |
| Circuits (Loaded)              | 240                                               |
| Circuits (maximum)             | 240                                               |
| 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                     | 8.196/g                                           |
| Number of Columns              | 16                                                |
| Number of Pairs                | 5                                                 |
| Number of Rows                 | 15                                                |
| 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                      |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

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

76055 Series

Mates With

76060 Impact 100 Ohm Daughtercard

**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-76060-990-001, AS-76060-9999-001 |
| Packaging Specification   | PK-70873-759                        |
| Product Specification     | PS-76060-999-001                    |
| Sales Drawing             | SD-76055-002-001                    |
| Symbol/Footprint Data     | SYM-76055-3606                      |

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