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Part Number:

0760603024

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 5 Pair Right-Angle Daughtercard Receptacle, Left Guided, 14 Columns, 210 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

3D Model

Drawing (PDF)

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

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

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

Packaging Specification PK-70873-611-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Agency Certification           |                                                   |
| UL                             | E29179                                            |
| General                        |                                                   |
| Product Family                 | Backplane Connectors                              |
| Series                         | 76060                                             |
| Application                    | Daughtercard                                      |
| Application Tooling Documents  | TM-622018799                                      |
| Component Type                 | PCB Receptacle                                    |
| Overview                       | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name                   | Impact                                            |
| Style                          | N/A                                               |
| UPC                            | 887191372747                                      |
| Physical                       |                                                   |
| Circuits (Loaded)              | 210                                               |
| Circuits (maximum)             | 210                                               |
| 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                     | 28.731/g                                          |
| Number of Columns              | 14                                                |
| Number of Pairs                | 5                                                 |
| Number of Rows                 | 15                                                |
| Orientation                    | Right Angle                                       |
| 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                      |



Series image - Reference only

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

76060 Series

Mates With

76055 Impact 100 Ohm Vertical Backplane Header

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 # |
|---------------------|-----------|
| Daughter Card       | 622018782 |
| Module Installation |           |
| Press-In Tool       |           |

**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 |
| Electrical Model Document | EE-76060-003                        |
| Packaging Specification   | PK-70873-611-001                    |
| Product Specification     | PS-76060-999-001                    |
| S-Parameter Model         | SP-76060-003                        |
| Sales Drawing             | SD-76060-002                        |

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