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Part Number:

0761601026

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair Right-Angle Daughtercard Receptacle, Unguided, 16 Columns, 192 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

- Documents:
- 3D Model

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

Packaging Specification PK-70873-610-001 (PDF)
- 3D Model (PDF)

Test Summary TS-76160-0001-001 (PDF)
- Product Specification PS-45499-002-001 (PDF)

Symbol Footprint Data SYM-76160-1026-001 (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                        | 76160                                                |
| Application                   | Conventional, Coplanar, Daughtercard                 |
| Application Tooling Documents | TM-622018799-001                                     |
| Component Type                | PCB Receptacle                                       |
| Data Rate                     | 25.0 Gbps                                            |
| Electrical Model              | Yes                                                  |
| Overview                      | Impact Backplane Connector and Cable Assembly System |
| Product Name                  | Impact                                               |
| Taxonomy                      | Backplane Connectors                                 |
| UPC                           | 800756938073                                         |

|                                |                                |
|--------------------------------|--------------------------------|
| Physical                       |                                |
| Circuits (Loaded)              | 192                            |
| Circuits (maximum)             | 192                            |
| 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                     | 18.720/g                       |
| Number of Columns              | 16                             |
| Number of Pairs                | 4                              |
| Number of Rows                 | 12                             |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 1.20mm                         |
| 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                        |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

D(2022)4187-DC (10

June 2022)

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

76160 Series

Mates With

76155 Impact 100 Ohm Vertical Header,

76500 Impact 100 Ohm Right Angle Male Header

Use With

76153 Pirate Cannon Wide Guide Module

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Polarized to PCB                   | No                                  |
| Stackable                          | No                                  |
| Temperature Range - Operating      | -55° to +85°C                       |
| Termination Interface: Style       | Through Hole - Compliant Pin        |
| <b>Electrical</b>                  |                                     |
| Current - Maximum per Contact      | 0.75A                               |
| 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-76060-9999-001 |
| Electrical Model Document          | EE-76160-003-001                    |
| Packaging Specification            | PK-70873-610-001                    |
| Product Specification              | PS-45499-002-001, PS-76060-999-001  |
| S-Parameter Model                  | SP-76160-003-001                    |
| Sales Drawing                      | SD-76160-001-001                    |
| Symbol/Footprint Data              | SYM-76160-1026-001                  |
| Test Summary                       | TS-76160-0001-001                   |

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