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Part Number:

0761505016

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 6 Pair Right-Angle Daughtercard Receptacle, Right Guided, 16 Columns, 288 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

|                                                              |                                                                   |
|--------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76060-990-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-70873-589-001 (PDF)</a>    |
| <a href="#">Product Specification PS-45499-002-001 (PDF)</a> | <a href="#">Symbol Footprint Data SYM-76150-5016-001 (PDF)</a>    |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

Agency Certification

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

General

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Product Family                | Backplane Connectors                                 |
| Series                        | 76150                                                |
| 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                           | 883906217181                                         |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 288                            |
| Circuits (maximum)             | 288                            |
| 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                     | 41.600/g                       |
| Number of Columns              | 16                             |
| Number of Pairs                | 6                              |
| Number of Rows                 | 18                             |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 1.20mm                         |
| 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                            |



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

76150 Series

Mates With

76145 Impact 100 Ohm Vertical Backplane Header

|                                    |                                     |
|------------------------------------|-------------------------------------|
| 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>Material Info</b>               |                                     |
| <b>Reference - Drawing Numbers</b> |                                     |
| Application Specification          | AS-76060-990-001, AS-76060-9999-001 |
| Electrical Model Document          | EE-76150-001-002, EE-76560-0001-001 |
| Packaging Specification            | PK-70873-589-001                    |
| Product Specification              | PS-45499-002-001, PS-76060-999-001  |
| S-Parameter Model                  | SP-76150-001-002, SP-76560-0001-001 |
| Sales Drawing                      | SD-76150-004-001                    |
| Symbol/Footprint Data              | SYM-76150-5016-001                  |

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