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**Part Number:** [0761703036](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacle, Left Guided, 6 Columns, 54 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**

|                                                                  |                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model</a>                                         | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Packaging Specification PK-70873-591-001 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Test Summary TS-76170-0001-001 (PDF)</a>              |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">Symbol Footprint Data SYM-76170-3036 (PDF)</a>        |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**Agency Certification**

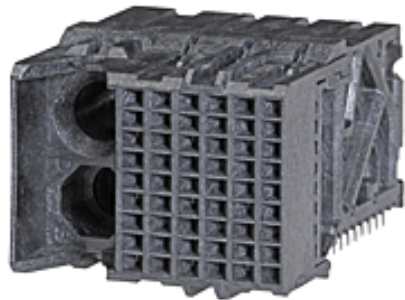
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**General**

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Product Family                | Backplane Connectors                                                 |
| Series                        | <a href="#">76170</a>                                                |
| Application                   | Conventional, Coplanar, Daughtercard                                 |
| Application Tooling Documents | TM-622018799                                                         |
| Component Type                | PCB Receptacle                                                       |
| Electrical Model              | Yes                                                                  |
| Overview                      | <a href="#">Impact Backplane Connector and Cable Assembly System</a> |
| Product Name                  | Impact                                                               |
| UPC                           | 884982238954                                                         |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 54                             |
| Circuits (maximum)             | 54                             |
| 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                     | 7.346/g                        |
| Number of Columns              | 6                              |
| Number of Pairs                | 3                              |
| Number of Rows                 | 9                              |
| 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                        |
| Polarized to PCB               | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -55° to +85°C                  |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[76170](#) Series

**Mates With**

[76165](#) Impact 100 Ohm Vertical Header,  
[76410](#) Impact 100 Ohm Right Angle 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       | <a href="#">622018780</a> |
| Module Installation |                           |
| Press-In Tool       |                           |
| Impact Daughter     | <a href="#">622024600</a> |
| Card Module         |                           |
| Removal Tool        |                           |

|                                    |                                     |
|------------------------------------|-------------------------------------|
| 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-76060-9999-001 |
| Electrical Model Document          | EE-76170-003                        |
| Packaging Specification            | PK-70873-591-001                    |
| Product Specification              | PS-76060-999-001                    |
| S-Parameter Model                  | SP-76170-003                        |
| Sales Drawing                      | SD-76170-002-001                    |
| Symbol/Footprint Data              | SYM-76170-3036                      |
| Test Summary                       | TS-76170-0001-001                   |

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