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**Part Number:** [0764603016](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 100 Ohm 2 Pair Right-Angle Daughtercard Receptacle, Left Guided, 16 Columns, 96 Circuits, Plated Through Hole Dimension 0.46mm, 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-70873-592-001 (PDF)</a>    |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">Test Summary TS-76460-0001-001 (PDF)</a>              |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**Agency Certification**

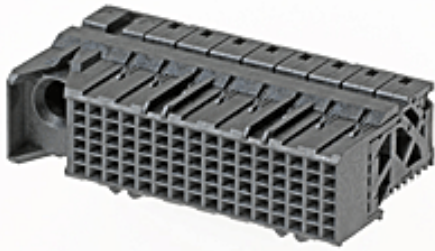
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**General**

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Product Family                | Backplane Connectors                                                 |
| Series                        | <a href="#">76460</a>                                                |
| Application                   | Conventional, Coplanar, Daughtercard                                 |
| Application Tooling Documents | TM-622018799                                                         |
| Component Type                | PCB Receptacle                                                       |
| Overview                      | <a href="#">Impact Backplane Connector and Cable Assembly System</a> |
| Product Name                  | Impact                                                               |
| UPC                           | 884982688704                                                         |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 96                             |
| Circuits (maximum)             | 96                             |
| 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                     | 9.652/g                        |
| Number of Columns              | 16                             |
| Number of Pairs                | 2                              |
| Number of Rows                 | 6                              |
| 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                            |
| 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**

[76460](#) Series

**Mates With**

[76455](#) Impact 100 Ohm Vertical Backplane Header, [76450](#) Impact 100 Ohm Right Angle Male 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 #**

|                                               |                           |
|-----------------------------------------------|---------------------------|
| Press-in-Tool for Daughter Card               | <a href="#">622018779</a> |
| Signal Module, 2-Pair by 16-Column Assemblies |                           |
| Impact Daughter Card Extraction Tool          | <a href="#">622024300</a> |

**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 |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                     |
|---------------------------|-------------------------------------|
| Application Specification | AS-76060-990-001, AS-76060-9999-001 |
| Electrical Model Document | EE-76460-001-050G, EE-76460-001-25G |
| Packaging Specification   | PK-70873-592-001                    |
| Product Specification     | PS-76060-999-001                    |
| S-Parameter Model         | SP-76460-001-025, SP-76460-001-050  |
| Sales Drawing             | SD-76460-002-001                    |
| Symbol/Footprint Data     | SYM-76460-3016                      |
| Test Summary              | TS-76460-0001-001                   |

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