

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0761653108

Status:

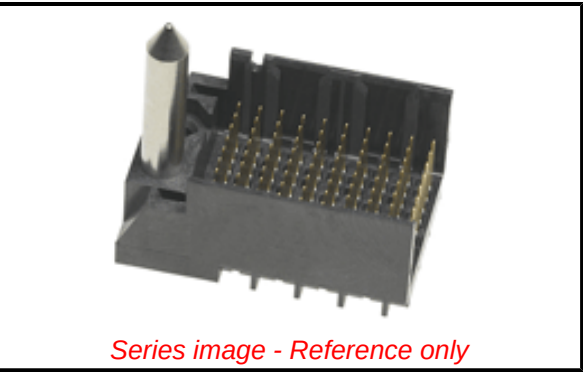
Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Vertical Backplane Header, Left Guide, Open Endwall, 10 Columns, 90 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



|                                                                  |                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------|
| Documents:                                                       |                                                                   |
| <a href="#">3D Model</a>                                         | <a href="#">Application Specification AS-76060-994-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Application Specification AS-76060-9999-001 (PDF)</a> |
| <a href="#">Product Specification PS-76060-999-001 (PDF)</a>     | <a href="#">Packaging Specification PK-70873-758 (PDF)</a>        |
| <a href="#">Application Specification AS-76060-990-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Agency Certification           |                                                       |
| UL                             | E29179                                                |
| General                        |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 76165                                                 |
| Application                    | Conventional                                          |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | PCB Header                                            |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 883906080556                                          |
| Physical                       |                                                       |
| Circuits (Loaded)              | 90                                                    |
| Circuits (maximum)             | 90                                                    |
| 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                     | 5.129/g                                               |
| Number of Columns              | 10                                                    |
| Number of Pairs                | 3                                                     |
| Number of Rows                 | 9                                                     |
| Orientation                    | Vertical                                              |
| PC Tail Length                 | 1.40mm                                                |
| 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               | Yes                                                   |
| Stackable                      | No                                                    |
| Temperature Range - Operating  | -55°C to +85°C                                        |
| Termination Interface: Style   | Through Hole - Compliant Pin                          |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76165 Series

Mates With

76170 Impact™ 100 Ohm Daughtercard

**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-76060-994-001,<br>AS-76060-9999-001 |
| Packaging Specification   | PK-70873-758                                             |
| Product Specification     | PS-76060-999-001                                         |
| Sales Drawing             | SD-76165-002                                             |
| Symbol/Footprint Data     | SYM-76165-3108                                           |

This document was generated on 03/02/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**