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Part Number:

0786922222

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 5 Pair, Vertical Power Header, 22.00mm Stack Height, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:

3D Model

Packaging Specification PK-78692-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-78213-001 (PDF)

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Agency Certification           |                                                       |
| UL                             | E29179                                                |
| General                        |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 78692                                                 |
| Application                    | Mezzanine                                             |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | Power Header                                          |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 884982684287                                          |
| Physical                       |                                                       |
| Circuits (Loaded)              | 4                                                     |
| Circuits (maximum)             | 4                                                     |
| 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               | Copper Alloy                                          |
| Material - Plating Mating      | Gold                                                  |
| Material - Plating Termination | Tin                                                   |
| Material - Resin               | High Temperature Thermoplastic                        |
| Net Weight                     | 6.620/g                                               |
| Number of Columns              | N/A                                                   |
| Number of Pairs                | 5                                                     |
| Number of Rows                 | 2                                                     |
| Orientation                    | Vertical                                              |
| PC Tail Length                 | 2.50mm                                                |
| PCB Locator                    | No                                                    |
| PCB Retention                  | None                                                  |
| PCB Thickness - Recommended    | 1.60mm                                                |
| Packaging Type                 | Tray                                                  |
| Pitch - Mating Interface       | 5.20mm                                                |
| Pitch - Termination Interface  | 2.00mm, 3.20mm                                        |
| Plating min - Mating           | 0.762µm                                               |
| Plating min - Termination      | 2.540µm                                               |
| Polarized to PCB               | No                                                    |
| Stackable                      | No                                                    |
| Surface Mount Compatible (SMC) | No                                                    |
| Temperature Range - Operating  | -55°C to +85°C                                        |
| Termination Interface: Style   | Through Hole - Compliant Pin                          |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

Search Parts in this Series

78692 Series

Mates With

78216 Impact™ Vertical Power Receptacle

|                                                                                                                                                                                 |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 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 Vertical Power Header, 5-Pair Assemblies                                                                                                                      | 0622018697 |
| Removal Tool for 6-Pair Vertical                                                                                                                                                | 0621008200 |

|                                    |                |                             |
|------------------------------------|----------------|-----------------------------|
|                                    |                | Power Header and Receptacle |
| <b>Electrical</b>                  |                |                             |
| Current - Maximum per Contact      | 25.0A          |                             |
| Data Rate                          | N/A            |                             |
| Shield Type                        | N/A            |                             |
| Shielded                           | No             |                             |
| Voltage - Maximum                  | 250V           |                             |
| <b>Solder Process Data</b>         |                |                             |
| Lead-freeProcess Capability        | N/A            |                             |
| <b>Material Info</b>               |                |                             |
| <b>Reference - Drawing Numbers</b> |                |                             |
| Packaging Specification            | PK-78692-001   |                             |
| Product Specification              | PS-78213-001   |                             |
| Sales Drawing                      | SD-78692-001   |                             |
| Symbol/Footprint Data              | SYM-78692-2222 |                             |

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