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Part Number:

0782151011

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 5 Pair, Right-Angle Power Header, Press-Fit, Blade A1 & A2, B1 & B2 Length 6.90mm, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Lead-Free



|                                                   |                                                |
|---------------------------------------------------|------------------------------------------------|
| Documents:                                        |                                                |
| 3D Model                                          | Packaging Specification PK-78215-001-001 (PDF) |
| 3D Model (PDF)                                    | Packaging Specification PK-78215-002-001 (PDF) |
| Drawing (PDF)                                     | Symbol Footprint Data SYM-78215-1011-001 (PDF) |
| Product Specification PS-78213-001-001 (PDF)      | RoHS Certificate of Compliance (PDF)           |
| Application Specification AS-76060-9997-001 (PDF) |                                                |

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Agency Certification           |                                                      |
| UL                             | E29179                                               |
| General                        |                                                      |
| Product Family                 | Backplane Connectors                                 |
| Series                         | 78215                                                |
| Application                    | Conventional, Coplanar                               |
| Application Tooling Documents  | TM-622018799-001                                     |
| Component Type                 | Power Header                                         |
| Overview                       | Impact Backplane Connector and Cable Assembly System |
| Product Name                   | Impact                                               |
| UPC                            | 884982474222                                         |
| 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                     | 12.067/g                                             |
| Number of Columns              | N/A                                                  |
| Number of Pairs                | 5                                                    |
| Number of Rows                 | 2                                                    |
| Orientation                    | Right Angle                                          |
| 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                                                   |

|                                                  |               |
|--------------------------------------------------|---------------|
| EU ELV                                           |               |
| Not Relevant                                     |               |
| EU RoHS                                          | China RoHS    |
| Compliant                                        |               |
| REACH SVHC                                       |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021) |               |
| 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

78215 Series

Mates With

78216 Impact Vertical Receptacle, 78352 Right Angle Receptacle

|                               |                              |
|-------------------------------|------------------------------|
| Temperature Range - Operating | -55° to +85°C                |
| Termination Interface: Style  | Through Hole - Compliant Pin |

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 25.0A |
| Data Rate                     | N/A   |
| Shield Type                   | N/A   |
| Shielded                      | No    |
| Voltage - Maximum             | 250V  |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | AS-76060-9997-001                  |
| Packaging Specification   | PK-78215-001-001, PK-78215-002-001 |
| Product Specification     | PS-78213-001-001                   |
| Sales Drawing             | SD-78215-002-001                   |
| Symbol/Footprint Data     | SYM-78215-1011-001                 |

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