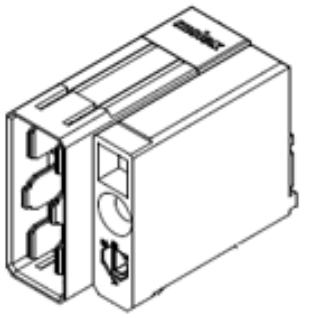
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**Part Number:** 0784552301
**Status:** Active
**Overview:** Impact™ Backplane Connector and Cable Assembly System
**Description:** Impact™ 6 Pair, Right Angle Power Header, Integrated Guide Module w/ESD clip, Module 1: Blade A1 & A2; B1 & B2 and C1 & C2 Length 6.90mm; Press-Fit, LCP, Glass Filled UL94-V0, Black, key orientation C



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-78213-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

**Agency Certification**

| | |
|---|---|
| UL | E29179 |

**General**

| | |
|---|---|
| Product Family | Backplane Connectors |
| Series | 78455 |
| Application | Conventional, Coplanar |
| Application Tooling Documents | TM-622018799 |
| Component Type | Power Header |
| Overview | Impact™ Backplane Connector and Cable Assembly System |
| Product Name | Impact™ |
| UPC | 884982760431 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 16.019/g |
| Number of Columns | N/A |
| Number of Pairs | 6 |
| Number of Rows | 3 |
| 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 |
| 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/21/2016 (20 June 2016)

**Halogen-Free Status**
**Low-Halogen**

**Need more information on product environmental compliance?**

Email 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**
78455 Series

**Mates With**
78218 Impact™ Vertical Receptacles

**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 Power Module Assembly, 6-Pair Assemblies | 0622018669 |

| | |
|---|---|
| **Electrical** | |
| Current - Maximum per Contact | 20.0A |
| 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** | |
| Product Specification | PS-78213-001-001 |
| Sales Drawing | SD-78455-001 |
| Symbol/Footprint Data | SYM-78455-2301 |

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