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Part Number:

0760551828

Status:

Active

Overview:

Description:

Impact 100 Ohm 5 Pair Vertical Backplane Header, Unguided, Dual Endwall, 8 Columns, 120 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | Backplane Connectors           |
| Series                         | 76055                          |
| Application                    | Conventional, Mezzanine        |
| Application Tooling Documents  | TM-622018799                   |
| Component Type                 | PCB Header                     |
| Overview                       | impact_backplane_connectors    |
| Product Name                   | Impact                         |
| UPC                            | 884982484252                   |
| Physical                       |                                |
| Circuits (Loaded)              | 120                            |
| Circuits (maximum)             | 120                            |
| 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               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 3.364/g                        |
| Number of Columns              | 8                              |
| Number of Pairs                | 5                              |
| Number of Rows                 | 15                             |
| 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               | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |
| 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                |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

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

76055 Series

Mates With

76060 Impact 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

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 # |
|--------------------------------------------------------------------------------------|-----------|
| Backplane Insertion Tool for Signal Contact                                          | 621005800 |
| Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan | 621009610 |

**Solder Process Data**

Lead-freeProcess CapabilityN/A

**Material Info**

**Reference - Drawing Numbers**

Application SpecificationAS-76060-990-001, AS-76060-9999-001  
Packaging SpecificationPK-70873-7702-001  
Product SpecificationPS-76060-999-001  
Sales DrawingSD-76055-001-001  
Symbol/Footprint DataSYM-76055-1828

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