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**Part Number:** [2040661138](#)  
**Status:** **Active**  
**Overview:** [Impel and Impel Plus Backplane Solutions](#)  
**Description:** Impel Plus 92 Ohm, 4 Pair Right-Angle Daughtercard, 1.90mm Pitch, Unguided, 8 Columns, 64 Circuits, Plated Through Hole Dimension 0.31mm

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                               |  |
|-------------------------------|--|
| Product Family                | Backplane Connectors                                     |
| Series                        | <a href="#">204066</a>                                   |
| Application                   | Daughtercard   |
| Application Tooling Documents | TM-622018899   |
| Component Type                | PCB Receptacle   |
| Overview                      | <a href="#">Impel and Impel Plus Backplane Solutions</a> |
| Product Name                  | Impel Plus   |
| UPC                           | 191128807272   |

**Physical**

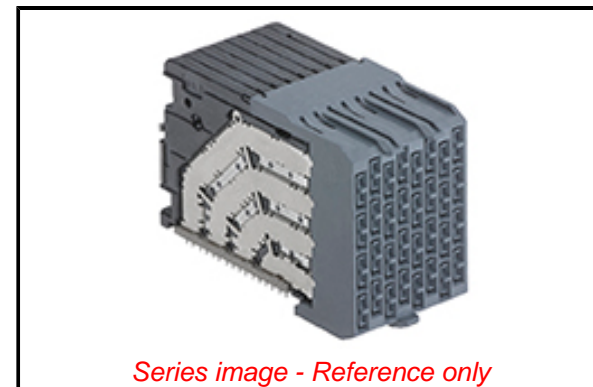
|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 64                             |
| Circuits (maximum)             | 64                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 200                            |
| First Mate / Last Break        | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold over Nickel               |
| Material - Plating Termination | Tin over Nickel                |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 19.213/g                       |
| Number of Columns              | 8                              |
| Number of Pairs                | 4                              |
| Number of Rows                 | 8                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 1.30mm                         |
| 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                        |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 0.75A            |
| Data Rate                     | 56 Gbps          |
| Impedance                     | 92Ω              |
| Shield Type                   | Full Shield      |
| Shielded                      | Yes              |
| Voltage - Maximum             | 150V AC (RMS)/DC |

**Solder Process Data**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[204066 Series](#)

**Mates With**

Impel Backplane Header [171315](#)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

2040661001-SD-000

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