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Part Number: [1734601617](#)
Status: **Active**
Overview: [Impel and Impel Plus Backplane Solutions](#)
Description: Impel Plus 92 Ohm, 3-Pair Orthogonal Direct Right-Angle Male, 2.35mm Pitch, Unguided, 6 Columns, 36 Circuits, Plated Through Hole Dimension 0.31mm

Documents:

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

General

| | |
|-------------------------------|--|
| Product Family | Backplane Connectors |
| Series | 173460 |
| Application | Orthogonal Direct |
| Application Tooling Documents | TM-622018899 |
| Component Type | Right Angle Male |
| Overview | Impel and Impel Plus Backplane Solutions |
| Product Name | Impel Plus |
| UPC | 191128353038 |

Physical

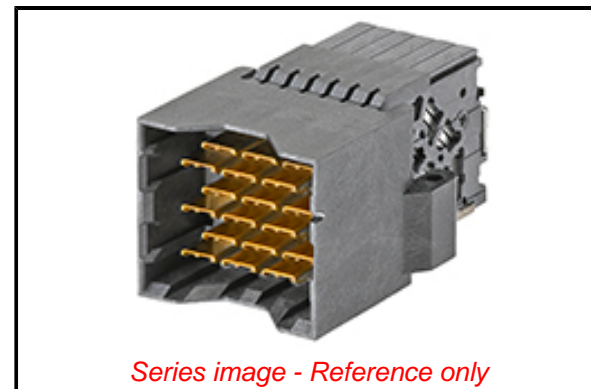
| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 36 |
| Circuits (maximum) | 36 |
| Color - Resin | Black |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Tin over Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 17.814/g |
| Number of Columns | 6 |
| Number of Pairs | 3 |
| Number of Rows | 6 |
| 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 | 2.35mm |
| Pitch - Termination Interface | 2.35mm |
| Plating min - Mating | 0.254µm |
| 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 |

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

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

[173460 Series](#)

Mates With

Impel Right-Angle Orthogonal Direct Daughtercard [171510](#)

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