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Part Number: **170390-3030**
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 85 Ohm Plus 4 Pair Mezzanine Receptacle, 1.90 by 1.35mm Pitch, Stack Height 37mm, Left Guided, 10 Columns, 120 Circuits, Lead Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-170540-999 \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | Backplane Connectors |
| Series | <u>170390</u> |
| Application | Mezzanine |
| Component Type | PCB Receptacle |
| Overview | <u>Impact™ Backplane Connectors and Cable Assemblies</u> |
| Product Name | Impact™ |
| Style | N/A |
| UPC | 887191271743 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 120 |
| Circuits (maximum) | 120 |
| Color - Resin | Gray |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | None |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 20.698/g |
| Number of Columns | 10 |
| Number of Pairs | 4 |
| Number of Rows | 12 |
| Orientation | Vertical |
| PC Tail Length | 1.20mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.00mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.35mm, 1.90mm |
| Pitch - Termination Interface | 1.35mm, 1.90mm |
| Plating min - Mating | 0.762µm |
| 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 |

Electrical

| | |
|-------------------------------|-----------|
| Current - Maximum per Contact | 0.75A |
| Data Rate | 25.0 Gbps |
| Impedance | 85# |
| Shield Type | N/A |

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

170390Series

Mates With

170335 Impact™ 85 Ohm Plus Vertical Header

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 # |
|---|-------------------|
| Removal Tool for Impact™ Mezzanine 85 Ohm Vertical Header | <u>0621002100</u> |
| Press-In Tool for Power Module Assembly | <u>0622018717</u> |

Shielded
Voltage - Maximum

No
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-170540-999
SD-170390-0002

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