

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1705303022](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 85 Ohm Plus 3 Pair Right Angle Daughtercard, Left Guide, 12 Columns, 108 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free](#)

Documents:

| | |
|---|--|
| 3D Model | Application Specification AS-76060-990-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-70873-591 (PDF) |
| Product Specification PS-170540-999-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

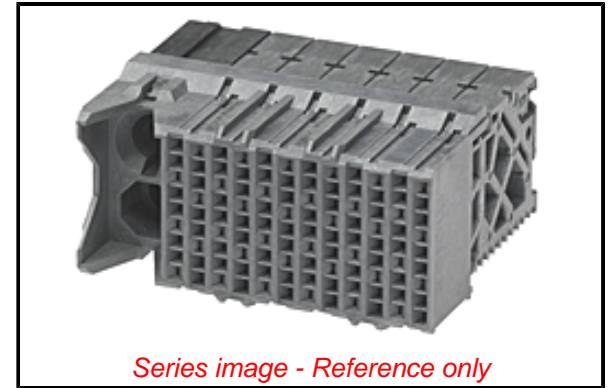
UL E29179

General

| | |
|-------------------------------|---|
| Product Family | Backplane Connectors |
| Series | 170530 |
| Application | Conventional, Coplanar, Daughtercard |
| Application Tooling Documents | TM-622018799 |
| Component Type | PCB Receptacle |
| Overview | Impact™ Backplane Connector and Cable Assembly System |
| Product Name | Impact™ |
| UPC | 887191376974 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 108 |
| Circuits (maximum) | 108 |
| Color - Resin | Gray |
| 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 | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 13.053/g |
| Number of Columns | 12 |
| Number of Pairs | 3 |
| Number of Rows | 9 |
| Orientation | Right Angle |
| 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 |



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170530](#) Series

Mates With

[170525](#) 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 #

| | |
|-----------------|----------------------------|
| Impact™ Daughte | 0622024600 |
| Card Module | |
| Removal Tool | |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A |
| Data Rate | 25.0 Gbps |
| Impedance | 85Ω |
| Shield Type | N/A |
| Shielded | No |
| Voltage - Maximum | 30V AC (RMS)/DC |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------------------------|
| Application Specification | AS-76060-990-001 |
| Electrical Model Document | EE-170530-025, EE-170530-040 |
| Packaging Specification | PK-70873-591 |
| Product Specification | PS-170540-999-001 |
| S-Parameter Model | SP-170530-0001, SP-170530-0001_40G |
| Sales Drawing | SD-170530-0002 |
| Symbol/Footprint Data | SYM-170530-3022 |

This document was generated on 11/21/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION