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**Part Number:** **170530-1038**  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connectors and Cable Assemblies  
**Description:** Impact™ 85 Ohm Plus 3 Pair Right Angle Daughtercard, 1.90 by 1.35mm Pitch, Unguided, 8 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [170530](#)  
 Application Conventional, Daughtercard  
 Component Type PCB Receptacle  
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)  
 Product Name Impact™  
 Style N/A  
 UPC 884982487109

**Physical**

Circuits (Loaded) 72  
 Circuits (maximum) 72  
 Color - Resin Gray  
 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 Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Matte Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 7.370/g  
 Number of Columns 8  
 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

**Electrical**



Series

image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[170530Series](#)

**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 #                  |
|---|----------------------------|
| Daughter Card   | <a href="#">0622018675</a> |
| Module Installation Press-In Tool for 3-Pair by 8-Column Assemblies |                            |
| Impact Daughter Card Extraction Tool                                | <a href="#">0622024300</a> |
| Impact™ Daughter Card Module Removal Tool                           | <a href="#">0622024600</a> |

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

### **Material Info**

### **Reference - Drawing Numbers**

|                       |                 |
|-----------------------|-----------------|
| Product Specification | PS-170540-999   |
| Sales Drawing         | SD-170530-0001  |
| Symbol/Footprint Data | SYM-170530-1038 |

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