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**Part Number:** [1705305020](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connector and Cable Assembly System  
**Description:** Impact™ 85 Ohm Plus 3 Pair Right Angle Daughtercard, Right Guide, 10 Columns, 90 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

**Documents:**

[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-170540-999 \(PDF\)](#)

**Agency Certification**

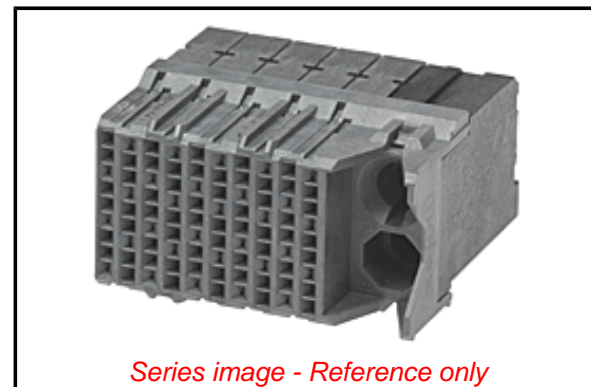
UL E29179

**General**

Product Family Backplane Connectors  
 Series [170530](#)  
 Application Conventional, Coplanar, Daughtercard  
 Application Tooling Documents TM-622018799  
 Component Type PCB Receptacle  
 Overview [Impact™ Backplane Connector and Cable Assembly System](#)  
 Product Name Impact™  
 UPC 884982613454

**Physical**

Circuits (Loaded) 90  
 Circuits (maximum) 90  
 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 11.518/g  
 Number of Columns 10  
 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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
 ELV

Green Image  
 Not Relevant

**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 #
Daughter Card	<a href="#">0622018646</a>
Module Installation	
Press-In Tool for 3-Pair by 10-Column Assemblies	

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Application Specification	AS-76060-990
Electrical Model Document	EE-170530-025, EE-170530-040
Product Specification	PS-170540-999
S-Parameter Model	SP-170530-0001, SP-170530-0001_40G
Sales Drawing	SD-170530-0004
Symbol/Footprint Data	SYM-170530-5020

Impact Daughter	<u>0622024300</u>
Card Extraction Tool	
Impact™ Daughter	<u>0622024600</u>
Card Module	
Removal Tool	

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