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**Part Number:** [1705301026](#)  
**Status:** **Active**  
**Overview:** [Impact™ Backplane Connector and Cable Assembly System](#)  
**Description:** [Impact™ 85 Ohm Plus 3 Pair Right Angle Daughtercard, Unguided, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76060-990 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-591 (PDF)</a>
<a href="#">Product Specification PS-170540-999 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

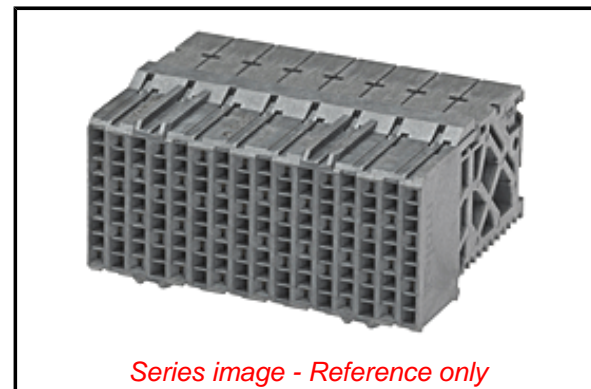
UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">170530</a>
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Overview	<a href="#">Impact™ Backplane Connector and Cable Assembly System</a>
Product Name	Impact™
UPC	887191142814

**Physical**

Circuits (Loaded)	144
Circuits (maximum)	144
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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	14.362/g
Number of Columns	16
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/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="#">0622018650</a>
Module Installation	
Press-In Tool for 3-Pair by 16-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
Packaging Specification	PK-70873-591
Product Specification	PS-170540-999
S-Parameter Model	SP-170530-0001, SP-170530-0001_40G
Sales Drawing	SD-170530-0001
Symbol/Footprint Data	SYM-170530-1026

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

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