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**Part Number:** [1703401016](#)  
**Status:** **Active**  
**Overview:** Impact™ Backplane Connector and Cable Assembly System  
**Description:** Impact™ 85 Ohm Plus 4 Pair, Right Angle Daughtercard, Unguided, 16 Columns, 192 Circuits, Plated Through Hole Dimension 0.46mm, Lead Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-610 \(PDF\)](#)  
[Product Specification PS-170540-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-76060-990-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [170340](#)  
 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 887191518794

**Physical**

Circuits (Loaded) 192  
 Circuits (maximum) 192  
 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 21.038/g  
 Number of Columns 16  
 Number of Pairs 4  
 Number of Rows 12  
 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**

**China RoHS**

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

China ROHS Green Image  
 ELV Not Relevant  
 RoHS Phthalates Not Contained

**Search Parts in this Series**

[170340 Series](#)

**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 #
Daughter Card	<a href="#">0622018645</a>
Module Installation Press-In Tool	
Impact Daughter Card Extraction Tool	<a href="#">0622024300</a>

**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-freeProcess Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Application Specification	AS-76060-990-001
Electrical Model Document	EE-170340-001
Packaging Specification	PK-70873-610
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170340-001
Sales Drawing	SD-170340-0001
Symbol/Footprint Data	SYM-170340-1016

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