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**Part Number:** [1703353607](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 85 Ohm Plus 4 Pair Vertical Header, Left Guide, Open End Walls, 16 Columns, 192 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

**Documents:**

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

**Agency Certification**

UL      E29179

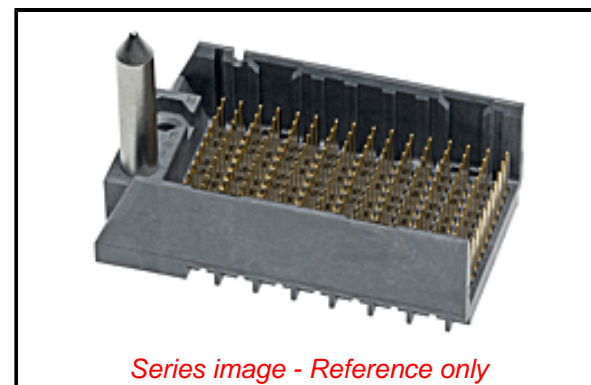
**General**

Product Family      Backplane Connectors  
Series      [170335](#)  
Application      Conventional, Mezzanine  
Application Tooling Documents      TM-622018799  
Component Type      PCB Header  
Overview      [Impact Backplane Connector and Cable Assembly System](#)  
Product Name      Impact  
UPC      887191225746

**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      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      8.478/g  
Number of Columns      6  
Number of Pairs      4  
Number of Rows      12  
Orientation      Vertical  
PC Tail Length      1.40mm  
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° to +85°C  
Termination Interface: Style      Through Hole - Compliant Pin

**Electrical**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[170335](#) Series

**Mates With**

[170340](#) Impact 85 Ohm Plus Right Angle Receptacle, [170390](#) Impact 85 Ohm Plus Vertical Mezzanine Receptacle

**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 Insertion Tool	<a href="#">621005850</a>
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	<a href="#">621009610</a>
Impact Backplane Press-In Tool	<a href="#">622018826</a>

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
Product Specification	PS-170540-999-001
Sales Drawing	SD-170335-0002-001
Symbol/Footprint Data	SYM-170335-3607

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