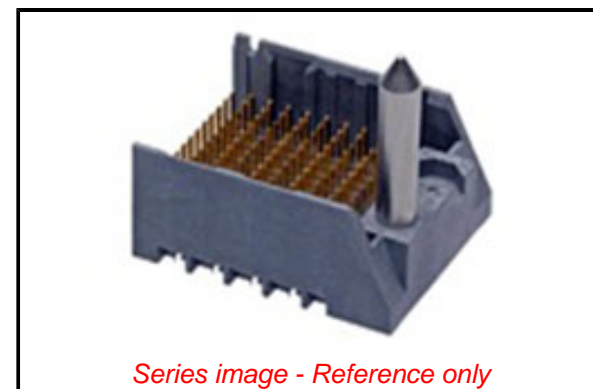


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**Part Number:** [170335107](#)  
**Status:** **Active**  
**Overview:** [Impact Backplane Connector and Cable Assembly System](#)  
**Description:** Impact 85 Ohm Plus 4 Pair Vertical Header, Right Guided, Left Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead Free

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-76060-9999-001 (PDF)</a>
<a href="#">Product Specification PS-170540-999-001 (PDF)</a>	<a href="#">Packaging Specification PK-70873-757-001 (PDF)</a>
<a href="#">Application Specification AS-76060-990-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76060-9997-001 (PDF)</a>	



**Agency Certification**

UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">170335</a>
Application	Conventional, Mezzanine
Component Type	PCB Header
Electrical Model	No
Overview	<a href="#">Impact Backplane Connector and Cable Assembly System</a>
Product Name	Impact
Style	N/A
UPC	887191257754

**Physical**

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Black
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	6.781/g
Number of Columns	10
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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[170335 Series](#)

**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	<a href="#">621009610</a>
Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	
Backplane Press-In Tool	<a href="#">622018790</a>

Termination Interface: Style Through Hole - Compliant Pin

**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-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-76060-990-001, AS-76060-9997-001,  
AS-76060-9999-001  
Packaging Specification PK-70873-757-001  
Product Specification PS-170540-999-001  
Sales Drawing SD-170335-0003-001

This document was generated on 08/24/2020

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