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Part Number: [1703357107](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 85 Ohm Plus 4 Pair Vertical Header, Left Guide, Right Endwall, 10 Columns, 120 Circuits, Pin Length 4.90mm, 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 [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 884982868397

Physical

Circuits (Loaded) 120
 Circuits (maximum) 120
 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 7.191/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°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
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

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 # |
|--|----------------------------|
| Backplane Header | 0621009610 |
| Removal Tool for GbX® U-Series, GbX I-Trac™, Impact™, or Z-PACK Tinman* | |

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

Material Info**Reference - Drawing Numbers**

Application Specification AS-76060-990
Product Specification PS-170540-999
Sales Drawing RSD-173429-002, SD-170335-0002
Symbol/Footprint Data SYM-170335-7107

Backplane Press-In [0622018790](#)
Tool
Impact™ Insertion [0621005850](#)
Tool

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