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Part Number: [0761451704](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Open Endwall, 14 Columns, 252 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-76060-999 \(PDF\)](#)

Agency Certification

UL E29179

General

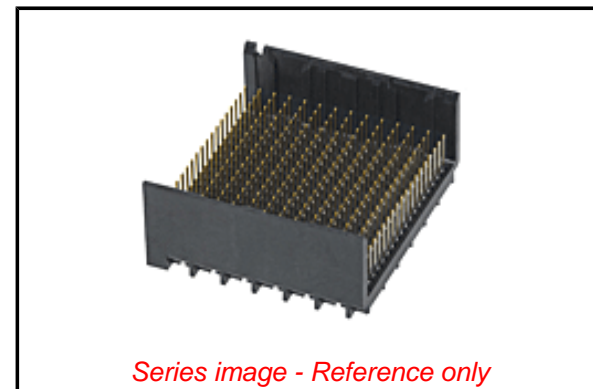
Product Family Backplane Connectors
 Series [76145](#)
 Application Conventional
 Application Tooling Documents TM-622018799
 Component Type PCB Header
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
 Product Name Impact™
 UPC 883906517359

Physical

Circuits (Loaded) 252
 Circuits (maximum) 252
 Color - Resin Black
 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 4.909/g
 Number of Columns 14
 Number of Pairs 6
 Number of Rows 18
 Orientation Vertical
 PC Tail Length 1.40mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.00mm
 Packaging Type Tray
 Pitch - Mating Interface 1.90mm
 Pitch - Termination Interface 1.90mm
 Plating min - Mating 0.762µm
 Polarized to PCB No
 Temperature Range - Operating -55°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.75A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

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

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[76145](#) Series

Mates With

[76150](#) Impact™ 100 Ohm Daughtercard

Use With

[75234](#) Backplane Free Standing Guide Pin

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 #
Press-In Tool for 6-Pair by 14-Column Backplane	0622018639
Backplane Header Removal Tool for	0621009610

Data Rate	25.0 Gbps
Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

GbX-U™, I-Trac™, Impact™, or TinMan
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Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-76060-990
Product Specification	PS-76060-999
Sales Drawing	SD-172375-0001, SD-76145-001
Symbol/Footprint Data	SYM-76145-1704

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