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Part Number: [76145-5118](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm 6 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Right Guided, Open Endwall, 10 Columns, 180 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm , Keying Orientation A, Lead-Free

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

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™
Style N/A
UPC 884982124769

Physical

Circuits (Loaded) 180
Circuits (maximum) 180
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 Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 7.985/g
Number of Columns 10
Number of Pairs 6
Number of Rows 18
Orientation Vertical
PC Tail Length 1.40mm
PCB Locator No
PCB Retention Yes
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 Yes
Stackable Yes
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin

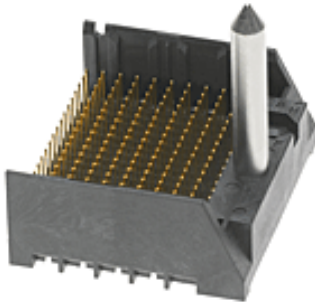


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[76145Series](#)

Mates With

[76150 Impact™ 100 Ohm Daughtercard](#)

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 Insertion Tool for Signal Contact	0621005800
Backplane Header Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	0621009610
Backplane Signal Module Assembly Press-In Tool for 6-	0622018662

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Product Specification	PS-76060-999
Sales Drawing	SD-76145-003
Symbol/Footprint Data	SYM-76145-5118

Pair by 10-Column
Assemblies

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