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Part Number: [76145-1103](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 6 Pair Vertical Backplane Header, Unguided, Open Endwall, 10 Columns, 180 Circuits, Pin Length 4.50mm, 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™
 Style N/A
 UPC 883906407261

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 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 3.473/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 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

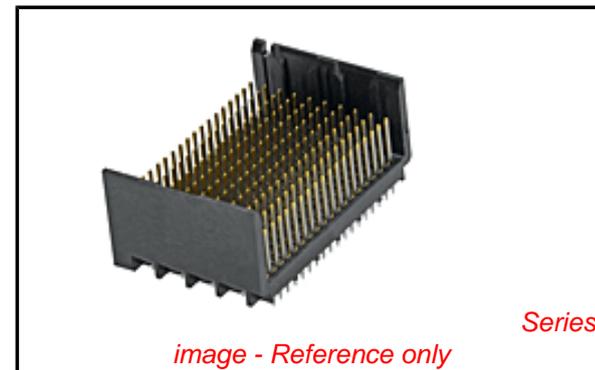


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
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

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 #
Backplane Insertion Tool for Signal Contact	0621005800
Backplane Signal Module Assembly Press-In Tool for 6-Pair by 10-Column Assemblies	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-172375-0001, SD-76145-001

Backplane Header	<u>0621009610</u>
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	

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