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Part Number: [76985-3208](#)
Status: **Active**
Overview: Impact™ Backplane Connectors and Cable Assemblies
Description: Impact™ 100 Ohm 5 Pair Vertical Orthogonal Header Left Guide, Open Endwall, 12 Columns, 180 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[3D Model](#) [Application Specification AS-76850-990 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-76060-999 \(PDF\)](#)

Agency Certification

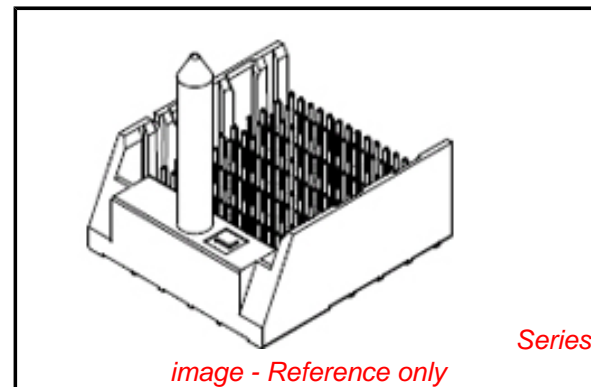
UL E29179

General

Product Family Backplane Connectors
 Series [76985](#)
 Application Orthogonal Midplane
 Application Tooling Documents TM-622018799
 Component Type PCB Header
 Overview [Impact™ Backplane Connectors and Cable Assemblies](#)
 Product Name Impact™
 Style N/A
 UPC 884982666900

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 None
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 11.292/g
 Number of Columns 12
 Number of Pairs 5
 Number of Rows 15
 Orientation Vertical
 PC Tail Length 1.40mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 3.00mm
 Packaging Type Tray
 Pitch - Mating Interface 1.90mm, 2.15mm
 Pitch - Termination Interface 1.90mm, 2.15mm
 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



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

[76985Series](#)

Mates With

[76990 Impact™ 100 Ohm Right Angle Orthogonal 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 #
Impact™ Backplane Press-In Tool	0622030585

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-76850-990
Product Specification	PS-76060-999
Sales Drawing	SD-76985-002
Symbol/Footprint Data	SYM-76985-3208

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