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Part Number: [76155-1806](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm 4 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Unguided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:
[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)
[Drawing \(PDF\)](#) [Application Specification AS-76060-994 \(PDF\)](#)
[Product Specification PS-76060-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76155](#)
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 883906417048

Physical

Circuits (Loaded) 96
Circuits (maximum) 96
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 2.050/g
Number of Columns 8
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 1.90mm
Pitch - Termination Interface 1.90mm
Plating min - Mating 0.762µm
Polarized to PCB No
Stackable Yes
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

[76155Series](#)

Mates With

[76160](#) 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	0621005800
Tool for Signal	
Contact	

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, AS-76060-994
Product Specification	PS-76060-999
Sales Drawing	SD-76155-001
Symbol/Footprint Data	SYM-76155-1806

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