

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [76455-9104](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 100 Ohm 2 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Right Guide, Left Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, 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

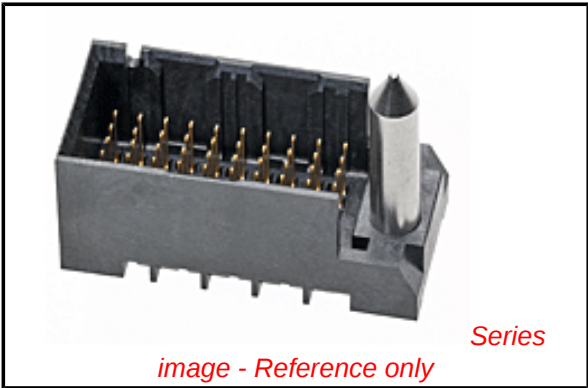
UL E29179

General

Product Family Backplane Connectors
Series [76455](#)
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 883906513047

Physical

Circuits (Loaded) 60
Circuits (maximum) 60
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 4.103/g
Number of Columns 10
Number of Pairs 2
Number of Rows 6
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 Yes
Stackable Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +85°C



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
[76455Series](#)

Mates With
[76460 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 Header	0621009610
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	
Backplane Insertion Tool for Signal Contact	0621005800
Backplane Module	0622018692
Installation Press-In Tool for 2-Pair by 10-Column Assemblies	

Termination Interface: Style

Through Hole - Compliant Pin

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-76455-003

Symbol/Footprint Data

SYM-76455-9104

This document was generated on 08/12/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION