

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0765601607

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 6 Pair RAM Right Angle Header, Unguided, Open Endwall, 16 Columns, 288 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, 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

76560

Application

Coplanar

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Electrical Model

Yes

Overview

Impact™ Backplane Connector and Cable Assembly System

Product Name

Impact™

UPC

884982486515

Physical

Circuits (Loaded)

288

Circuits (maximum)

288

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

33.740/g

Number of Columns

16

Number of Pairs

6

Number of Rows

18

Orientation

Right Angle

PC Tail Length

1.20mm

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

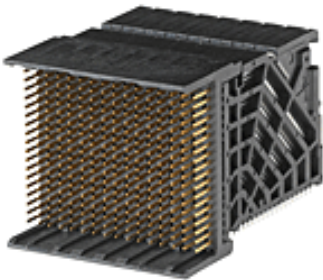
Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

76560 Series

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 #

Daughter Card

0622018663

Signal Module

Assembly Press-In

Tool for 6-Pair by 16-Column Assemblies

Impact™ Right Angle

0622024350

Module Removal

Tool (RAM)

|                                    |                             |
|------------------------------------|-----------------------------|
| 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             |
| <b>Solder Process Data</b>         |                             |
| Lead-freeProcess Capability        | N/A                         |
| <b>Material Info</b>               |                             |
| <b>Reference - Drawing Numbers</b> |                             |
| Application Specification          | AS-76060-990                |
| Electrical Model Document          | EE-76560-0001               |
| Product Specification              | PS-76060-999                |
| S-Parameter Model                  | SP-76560-0001, SP-76560-002 |
| Sales Drawing                      | SD-76560-001                |
| Symbol/Footprint Data              | SYM-76560-1607              |

This document was generated on 07/02/2015

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION