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Part Number:

0764105608

Status:

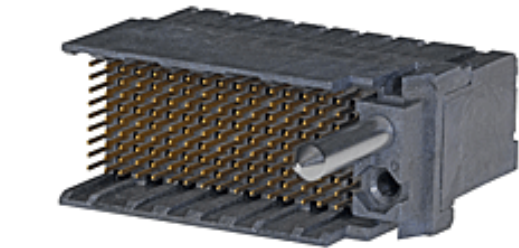
Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 3 Pair Right-Angle Male Header, Right Guide, Open Endwall, 16 Columns, 144 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Tin (Sn)



Series image - Reference only

- Documents:
- 3D Model

Application Specification AS-76060-9999-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-762-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-990-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76410

Application

Coplanar

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

UPC

884982288980

Physical

Circuits (Loaded)

144

Circuits (maximum)

144

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

16.962/g

Number of Columns

16

Number of Pairs

3

Number of Rows

9

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

Polarized to PCB

Yes

Stackable

No

Temperature Range - Operating

-55° to +85°C

Termination Interface: Style

Through Hole - Compliant Pin

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76410 Series

Mates With

76170 Impact 100 Ohm 3 Pair Right Angle  
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

622018650

Module Installation

Press-In Tool for 3-  
Pair by 16-Column  
Assemblies

Impact Right-Angle  
Module Removal  
Tool (RAM)

622024350

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A           |
| Data Rate                     | 25.0 Gbps       |
| Impedance                     | 100Ω            |
| Shield Type                   | N/A             |
| Shielded                      | No              |
| Voltage - Maximum             | 30V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | AS-76060-990-001, AS-76060-9999-001  |
| Electrical Model Document | EE-76410-002                         |
| Packaging Specification   | PK-70873-762-001                     |
| Product Specification     | PS-76060-999-001                     |
| S-Parameter Model         | SP-76410-002                         |
| Sales Drawing             | SD-170468-0004-001, SD-76410-004-001 |
| Symbol/Footprint Data     | SYM-76410-5608                       |

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