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Part Number:

0764503608

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 2 Pair Right Angle Male Header, Left Guided, Open Endwall, 16 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-9999 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-077 (PDF)

Product Specification PS-76060-999 (PDF)

RoHS Certificate of Compliance (PDF)

Application Specification AS-76060-990 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76450

Application

Coplanar

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact™ Backplane Connector and Cable Assembly System

Product Name

Impact™

UPC

884982042032

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

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

20.536/g

Number of Columns

16

Number of Pairs

2

Number of Rows

6

Orientation

Right Angle

PC Tail Length

1.20mm

PCB Locator

No

PCB Retention

Yes

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

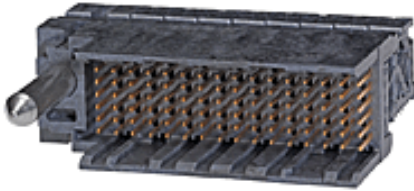
No

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

76450 Series

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 #

Press-in-Tool for
Daughter Card
Signal Module, 2-
Pair by 16-Column
Assemblies

0622018779

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-76060-9999
Electrical Model Document	EE-76450-002, EE-76450-50G
Packaging Specification	PK-70873-077
Product Specification	PS-76060-999
S-Parameter Model	SP-76450-002, SP-76450-50G
Sales Drawing	SD-76450-002
Symbol/Footprint Data	SYM-76450-3608

Impact™ Right Angle0622024350
Module Removal
Tool (RAM)

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