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Part Number:

0764603010

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 2 Pair Right Angle Daughtercard Receptacle, Left Guided, 10 Columns, 60 Circuits, 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)

Application Specification AS-76060-9999 (PDF)

Test Summary TS-76460-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Electrical Model

Overview

Backplane Connectors

76460

Conventional, Coplanar, Daughtercard

TM-622018799

PCB Receptacle

Yes

Impact™ Backplane Connector and Cable Assembly System

Product Name

UPC

Impact™

884982234765

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Polarized to PCB

Stackable

Temperature Range - Operating

Termination Interface: Style

60

60

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

6.539/g

10

2

6

Right Angle

1.20mm

No

Yes

1.00mm

Tray

1.90mm

1.90mm

0.762µm

Yes

No

-55°C to +85°C

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

China RoHS

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

76460 Series

Mates With

76455 Impact™ 100 Ohm Vertical Backplane Header, 76450 Impact™ 100 Ohm Right Angle Male Header

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 #
Impact Daughter Card Extraction Tool	0622024300
Press-in-Tool for Daughter Card Signal Module, 2-	0622018778

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-76460-001-050G, EE-76460-001-25G
Product Specification	PS-76060-999
S-Parameter Model	SP-76460-001-025, SP-76460-001-050
Sales Drawing	SD-76460-002
Symbol/Footprint Data	SYM-76460-3010
Test Summary	TS-76460-0001

Pair by 10-Column
Assemblies

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