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Part Number:

0764605020

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 2 Pair Right-Angle Daughtercard Receptacle, Right Guided, 10 Columns, 60 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-70873-592-001 (PDF)

Product Specification PS-76060-999-001 (PDF)

Test Summary TS-76460-0001-001 (PDF)

Application Specification AS-76060-990-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76460

Application

Conventional, Coplanar, Daughtercard

Application Tooling Documents

TM-622018799

Component Type

PCB Receptacle

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

UPC

883906511777

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

6.548/g

Number of Columns

10

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° to +85°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

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 #
Press-in-Tool for Daughter Card	622018778
Signal Module, 2-Pair by 10-Column Assemblies	
Impact Daughter Card Extraction Tool	622024300

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990-001, AS-76060-9999-001
Electrical Model Document	EE-76460-001-050G, EE-76460-001-25G
Packaging Specification	PK-70873-592-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76460-001-025, SP-76460-001-050
Sales Drawing	SD-76460-004-001
Symbol/Footprint Data	SYM-76460-5020
Test Summary	TS-76460-0001-001

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