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Part Number:

0762903020

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 6 Pair Right-Angle Orthogonal Daughtercard, Left Guided, 10 Columns, 180 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

- 3D Model

Application Specification AS-76850-990-001 (PDF)
- 3D Model (PDF)

Packaging Specification PK-70873-589-001 (PDF)
- Drawing (PDF)

Symbol Footprint Data SYM-76290-3020-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-9999-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Data Rate

Overview

Product Name

Taxonomy

UPC

Backplane Connectors

76290

Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane

TM-622018799-001

PCB Receptacle

25.0 Gbps

Impact Backplane Connector and Cable Assembly System

Impact

Backplane Connectors

884982269194

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

180

180

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

27.487/g

10

6

18

Right Angle

1.20mm

No

None

1.00mm

Tray

1.90mm, 2.15mm

1.90mm, 2.15mm

0.762µm

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

76290 Series

Mates With

76285 Impact 100 Ohm Backplane Header

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No
No
-55° to +85°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Impedance

Shield Type

Shielded

Voltage - Maximum

0.75A
100Ω
N/A
No
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

Electrical Model Document

Packaging Specification

Product Specification

S-Parameter Model

Sales Drawing

Symbol/Footprint Data

AS-76060-9999-001, AS-76850-990-001
EE-76290-049-001, EE-76290-055-001
PK-70873-589-001
PS-76060-999-001
SP-76290-049-001, SP-76290-055-001
SD-76290-002-001
SYM-76290-3020-001

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