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Part Number:

0762901020

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 6 Pair Right-Angle Orthogonal Daughtercard, Unguided, 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-76290-1020-001 (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

884982489394

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

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

21.098/g

10

6

18

Right Angle

1.20mm

No

None

1.00mm

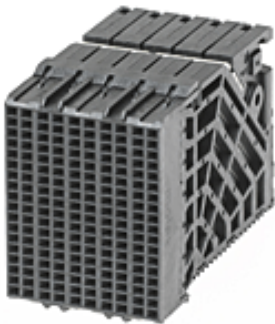
Tray

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
June 2022)

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	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A
Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999-001, AS-76850-990-001
Electrical Model Document	EE-76290-049-001, EE-76290-055-001
Packaging Specification	PK-70873-589-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76290-049-001, SP-76290-055-001
Sales Drawing	SD-76290-001-001
Symbol/Footprint Data	SYM-76290-1020-001

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