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Part Number:

0761601006

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair Right-Angle Daughtercard Receptacle, Unguided, 6 Columns, 72 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

- 3D Model

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

Packaging Specification PK-70873-610-001 (PDF)
- 3D Model (PDF)

Test Summary TS-76160-0001-001 (PDF)
- Product Specification PS-45499-002-001 (PDF)

Symbol Footprint Data SYM-76160-1006-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-990-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76160

Application

Conventional, Coplanar, Daughtercard

Application Tooling Documents

TM-622018799-001

Component Type

PCB Receptacle

Data Rate

25.0 Gbps

Electrical Model

Yes

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

Taxonomy

Backplane Connectors

UPC

884982760653

Physical

Circuits (Loaded)

72

Circuits (maximum)

72

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Guide to Mating Part

No

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

6.733/g

Number of Columns

6

Number of Pairs

4

Number of Rows

12

Orientation

Right Angle

PC Tail Length

1.20mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.00mm

Packaging Type

Tray

Pitch - Mating Interface

1.90mm

Pitch - Termination Interface

1.90mm

Plating min - Mating

0.762µm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76160 Series

Mates With

76155 Impact 100 Ohm Vertical Header,
76500 Impact 100 Ohm Right Angle Male Header

Use With

76153 Pirate Cannon Wide Guide Module

Polarized to PCB	No
Stackable	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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990-001, AS-76060-9999-001
Electrical Model Document	EE-76160-003-001
Packaging Specification	PK-70873-610-001
Product Specification	PS-45499-002-001, PS-76060-999-001
S-Parameter Model	SP-76160-003-001
Sales Drawing	SD-76160-001-001
Symbol/Footprint Data	SYM-76160-1006-001
Test Summary	TS-76160-0001-001

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