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Part Number:

0765005807

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair RAM Right-Angle Header, Right Guided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model

Application Specification AS-76060-994-001 (PDF)

Drawing (PDF)

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

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

Packaging Specification PK-70873-041-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76500

Application

Coplanar

Application Tooling Documents

TM-622018799

Component Type

PCB Header

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

UPC

883906703592

Physical

Circuits (Loaded)

96

Circuits (maximum)

96

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

10.851/g

Number of Columns

8

Number of Pairs

4

Number of Rows

12

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

Compliant

China RoHS

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

76500 Series

Mates With

76160 Impact 100 Ohm Daughtercard

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 Module

622018677

Impact Right-Angle Module Removal Tool (RAM)

622024350

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990-001, AS-76060-994-001, AS-76060-9999-001
Electrical Model Document	EE-76500-002
Packaging Specification	PK-70873-041-001
Product Specification	PS-76060-999-001
S-Parameter Model	SP-76500-002
Sales Drawing	SD-76500-004
Symbol/Footprint Data	SYM-76500-5807

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