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Part Number:

0768503006

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair Right Angle Orthogonal Daughtercard, Left Guide, 6 Columns, 72 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-9999 (PDF)

Application Specification AS-76850-990 (PDF)

Packaging Specification PK-70873-610 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Backplane Connectors

76850

Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane

Application Tooling Documents

Component Type

Electrical Model

Overview

TM-622018799

PCB Receptacle

Yes

Impact™ Backplane Connector and Cable Assembly System

Product Name

UPC

Impact™

884982776890

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

Stackable

Surface Mount Compatible (SMC)

72

72

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

10.797/g

6

4

12

Right Angle

1.20mm

No

Yes

1.00mm

Tray

1.90mm, 2.15mm

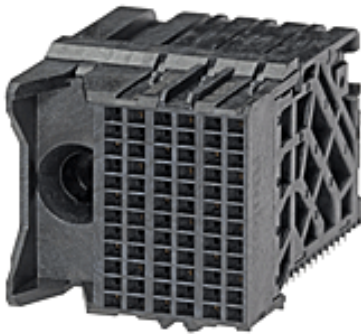
1.90mm, 2.15mm

0.762µm

Yes

No

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

76850 Series

Mates With

76845 Impact™ 100 Ohm Backplane 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 #

Insertion Tool for

Daughter Card, 4-Pair by 6-Column Assemblies

0622018748

Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100#
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-76060-9999, AS-76850-990
Electrical Model Document	EE-76850-049, EE-76850-055
Packaging Specification	PK-70873-610
Product Specification	PS-76060-999
S-Parameter Model	SP-76850-049
Sales Drawing	RSD-76850-012, SD-76850-002
Symbol/Footprint Data	SYM-76850-3006

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