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Part Number:

0768505036

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair Right Angle Orthogonal Daughtercard, Right Guide, 6 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

- 3D Model

Application Specification AS-76850-990 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-610 (PDF)
- Product Specification PS-76060-999 (PDF)

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

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Electrical Model

Overview

Product Name

UPC

Backplane Connectors

76850

Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane

TM-622018799

PCB Receptacle

Yes

Impact™ Backplane Connector and Cable Assembly System

Impact™

884982186323

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

10.670/g

6

4

12

Right Angle

1.20mm

No

None

1.00mm

Tray

1.90mm, 2.15mm

1.90mm, 2.15mm

0.762µm

Yes

No

No



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Not Reviewed

ELV

Not Reviewed

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

Termination Interface: Style

-55°C to +85°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Impedance

Shield Type

Shielded

Voltage - Maximum

0.75A

25.0 Gbps

100#

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, AS-76850-990

EE-76850-049, EE-76850-055

PK-70873-610

PS-76060-999

SP-76850-049

SD-76850-004

SYM-76850-5036

This document was generated on 06/13/2016

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