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Part Number:

0783511001

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 5 Pair, Right Angle Power Header, Left Hold-Down, Module 1: P1 & P2, Blade Length 6.90mm; Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-78213-001 (PDF)

Packaging Specification PK-78351-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Backplane Connectors

78351

Conventional, Coplanar

TM-622018799

Power Header

Impact™ Backplane Connector and Cable Assembly System

Product Name

UPC

Impact™

884982761056

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

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

4

4

Black

200

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

16536.646/mg

N/A

5

2

Right Angle

2.50mm

No

None

1.60mm

Tray

5.20mm

2.00mm, 3.20mm

0.762µm

2.540µm

No

No

No

-55°C to +85°C

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](mailto: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

78351 Series

Mates With

78216 Impact™ Vertical Receptacle, 78352 Right Angle Receptacle

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 #

Impact™ Power

Module Right Angle

Removal Tool

Press-In Tool for

Power Module

Assembly

0622024500

0622018668

|                                    |                              |
|------------------------------------|------------------------------|
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 25.0A                        |
| Data Rate                          | N/A                          |
| Shield Type                        | N/A                          |
| Shielded                           | No                           |
| Voltage - Maximum                  | 250V                         |
| <b>Solder Process Data</b>         |                              |
| Lead-freeProcess Capability        | N/A                          |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Packaging Specification            | PK-78351-001                 |
| Product Specification              | PS-78213-001                 |
| Sales Drawing                      | SD-78351-001                 |
| Symbol/Footprint Data              | SYM-78351-1001               |

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