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Part Number:

0782161001

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 5 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Documents:

3D Model

Packaging Specification PK-78216-001-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-78213-001-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

78216

Application

Conventional, Mezzanine, Orthogonal Midplane

Application Tooling Documents

TM-622018799

Component Type

Power Receptacle

Overview

Impact Backplane Connector and Cable Assembly System

Product Name

Impact

UPC

883906511500

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

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

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

3.219/g

Number of Columns

N/A

Number of Pairs

5

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.50mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

5.20mm

Pitch - Termination Interface

2.00mm, 3.20mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to PCB

No

Stackable

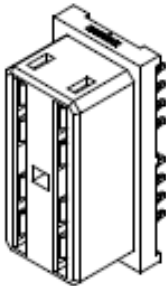
No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-55° to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

78216 Series

Mates With

78351 Impact Right Angle Header, 78446

Impact Vertical Headers

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 #
Removal Tool for 6-Pair Vertical Power Header and Receptacle	621008200
Press-In Tool for 5-Pair Assemblies	622018667
Impact Backplane Press-In Tool	622018875

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	25.0A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-78216-001-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78216-002-001
Symbol/Footprint Data	SYM-78216-1001

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