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Part Number:

0782141001

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 4 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

- Documents:
- 3D Model

Application Specification AS-76060-9999-001 (PDF)
- 3D Model (PDF)

Packaging Specification PK-78214-001 (PDF)
- Drawing (PDF)

Symbol Footprint Data SYM-78214-1001 (PDF)
- Product Specification PS-78213-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-9997-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Backplane Connectors

Series

78214

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

800756931340

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

2.619/g

Number of Columns

N/A

Number of Pairs

4

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.00mm

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

78214 Series

Mates With

78349 Impact Right Angle 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 #
Impact Vertical Power Module	2034620006
Insertion Tool for 4-Pair Assemblies	
Vertical Power Module Installation	622018643
Press-In Tool	

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	20.0A
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	
Application Specification	AS-76060-9997-001, AS-76060-9999-001
Packaging Specification	PK-78214-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78214-003
Symbol/Footprint Data	SYM-78214-1001

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