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Part Number:

0782181001

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 6 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-78218-001-001 (PDF)
- Drawing (PDF)

Symbol Footprint Data SYM-78218-1001 (PDF)
- Product Specification PS-78213-001-001 (PDF)

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

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

78218

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

883906525965

Physical

Circuits (Loaded)

6

Circuits (maximum)

6

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

8.610/g

Number of Columns

N/A

Number of Pairs

6

Number of Rows

3

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

78218 Series

Mates With

782171011 Impact 6 Pair, Right Angle Power 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 #

Removal Tool for 6-Pair Vertical Power Header and Receptacle

621008200

Press-In Tool for Power Module Assembly

622018666

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-78218-001-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78218-002-001
Symbol/Footprint Data	SYM-78218-1001

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