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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

Packaging Specification PK-78218-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-78213-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Component Type

Overview

Backplane Connectors

78218

Conventional, Mezzanine, Orthogonal Midplane

TM-622018799

Power Receptacle

Impact™ Backplane Connector and Cable Assembly System

Product Name

UPC

Impact™

883906525965

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

Termination Interface: Style

6

6

Black

200

No

94V-0

No

None

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

8.610/g

N/A

6

3

Vertical

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

Through Hole - Compliant Pin



Series image - Reference only

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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

78218 Series

Mates With

78217-1011 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 #

Press-In Tool for Power Module Assembly

Removal Tool for 6-Pair Vertical

0622018666

0621008200

		Power Header and Receptacle
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		
Packaging Specification	PK-78218-001	
Product Specification	PS-78213-001	
Sales Drawing	SD-78218-002	
Symbol/Footprint Data	SYM-78218-1001	

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