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Part Number:

78446-7822

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 5 Pair, Vertical Power Header, 2.00mm Pitch, 38.00mm Stack Height, Press-Fit, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Tin-Lead

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

78446

Application

Mezzanine

Application Tooling Documents

TM-622018799

Component Type

Power Header

Overview

Impact™ Backplane Connectors and Cable Assemblies

Product Name

Impact™

Style

N/A

UPC

884982346246

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-Lead

Material - Resin

High Temperature Thermoplastic

Net Weight

14.590/g

Number of Columns

N/A

Number of Pairs

5

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.50mm

PCB Locator

Yes

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)

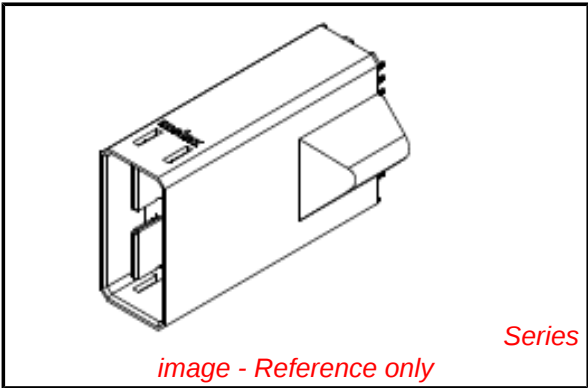
No

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole - Compliant Pin



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

78446Series

Mates With

78216 Impact™ Vertical Receptacles

Electrical

Current - Maximum per Contact	25A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V

Solder Process Data

Replacement RoHS Compliant Part Number	0784463822
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Material Info

Reference - Drawing Numbers

Sales Drawing	SD-78446-001
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