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Part Number: [78446-3822](#)
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, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-78213-001 \(PDF\)](#)
[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 884982415133

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 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



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No Low-Halogen Status Low-Halogen

China RoHS



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](#)

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	0621008200
Press-In Tool for Vertical Power Header, 5-Pair Assemblies	0622018697

Electrical

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

Material Info**Reference - Drawing Numbers**

Product Specification	PS-78213-001
Sales Drawing	SD-78446-001
Symbol/Footprint Data	SYM-78446-3822

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