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Part Number: [0784463822](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 5 Pair, Vertical Power Header, 38.00mm Stack Height, Press-Fit, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Lead-Free

Documents:
[3D Model](#) [Packaging Specification PK-78446-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-78213-001-001 \(PDF\)](#)

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 Connector and Cable Assembly System
Product Name	Impact™
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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
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
RoHS Phthalates Not Contained

Search Parts in this Series
[78446 Series](#)

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 #
Press-In Tool for Vertical Power Header, 5-Pair Assemblies	0622018697
Removal Tool for 6-Pair Vertical	0621008200

		Power Header and Receptacle
Electrical		
Current - Maximum per Contact	25.0A	
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-78446-001	
Product Specification	PS-78213-001-001	
Sales Drawing	SD-78446-001	
Symbol/Footprint Data	SYM-78446-3822	

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