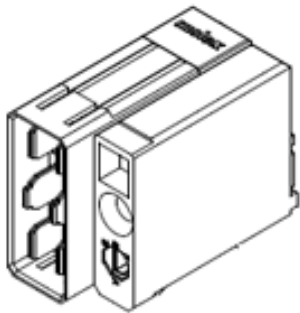


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Part Number: [0784532501](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 5 Pair, Right Angle Power Header, Integrated Guide Module w/ESD clip, Module 1: Blade A1 & A2, B1 & B2 Length 6.90mm; Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free, key orientation E

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

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	78453
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982760424
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	Yes
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	17.793/g
Number of Columns	N/A
Number of Pairs	5
Number of Rows	2
Orientation	Right Angle
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
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
Compliant
REACH SVHC
Contains SVHC(2014 December 17): No
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
[78453](#) 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 Power Module Assembly	0622018668

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
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Material Info

Reference - Drawing Numbers

Product Specification	PS-78213-001
Sales Drawing	SD-78453-001
Symbol/Footprint Data	SYM-78453-2501

This document was generated on 06/30/2015

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