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Part Number: [0783512004](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 5 Pair, Right Angle Power Header, Right Hold-Down, Module 1: P1 & P2, Blade Length 5.70mm & 6.90mm; Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free



Series image - Reference only

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78213-001-001 \(PDF\)](#)
[Packaging Specification PK-78351-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	78351
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191201672
Physical	
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.676/g
Number of Columns	N/A
Number of Pairs	3
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

EU ELV
Not Relevant

EU RoHS
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen

China RoHS

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
[78351](#) Series

Mates With
[78212](#) Impact™ Vertical Receptacle, [78348](#) Right Angle Receptacle

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 #
Impact™ Power Module Right Angle Removal Tool	0622024500

Temperature Range - Operating Termination Interface: Style	-55°C to +85°C Through Hole - Compliant Pin	Press-In Tool for Power Module Assembly	<u>0622018668</u>
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-78351-001		
Product Specification	PS-78213-001-001		
Sales Drawing	SD-78351-001		

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