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Part Number: 0782171022
Status: Active
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 6 Pair, Right Angle Power Header, Press-Fit, Blade A1 & A2 6.90mm; B1 & B2 and C1 & C2 Length 5.70mm, 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-78217-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	78217
Application	Conventional, Coplanar
Application Tooling Documents	TM-622018799
Component Type	Power Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191059273

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
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	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	14.992/g
Number of Columns	N/A
Number of Pairs	6
Number of Rows	3
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

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
78217 Series

Mates With
78218 Impact™ Vertical 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
Press-In Tool for Power Module	0622018669

Termination Interface: Style	Through Hole - Compliant Pin	Assembly, 6-Pair Assemblies
Electrical		
Current - Maximum per Contact	20.0A	
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-78217-001	
Product Specification	PS-78213-001-001	
Sales Drawing	SD-78217-002	
Symbol/Footprint Data	SYM-78217-1022	

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