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Part Number:

78218-1001

Status:

Active

Overview:

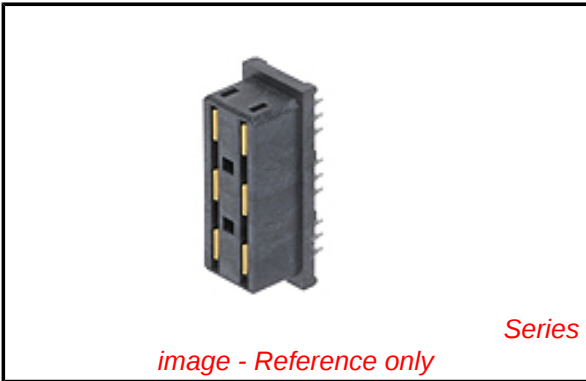
Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 6 Pair, Vertical Power Receptacle, 2.00mm Pitch, Press-Fit, LCP, Glass Filled UL94-V0, Black, 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	78218
Application	Conventional, Mezzanine, Orthogonal Midplane
Application Tooling Documents	TM-622018799
Component Type	Power Receptacle
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
Style	N/A
UPC	883906525965
Physical	
Circuits (Loaded)	6
Circuits (maximum)	6
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	8.610/g
Number of Columns	N/A
Number of Pairs	6
Number of Rows	3
Orientation	Vertical
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



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	
78218Series	
Mates With	
78217-1011 Impact™ 6 Pair, Right Angle Power Header	
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 Power Module Assembly	0622018666

Electrical

Current - Maximum per Contact	20A
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-78218-002
Symbol/Footprint Data	SYM-78218-1001

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