

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0782181001

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 6 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-78213-001 (PDF)

Packaging Specification PK-78218-001 (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 Connector and Cable Assembly System
Product Name	Impact™
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

78218 Series

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 #

Press-In Tool for

0622018666

Power Module

Assembly

Removal Tool for

0621008200

6-Pair Vertical

		Power Header and Receptacle
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-78218-001	
Product Specification	PS-78213-001	
Sales Drawing	SD-78218-002	
Symbol/Footprint Data	SYM-78218-1001	

This document was generated on 06/09/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION