



Part Number : [783991011](#)

Product Description : Impact 3 Pair Vertical Power Header, Blades A1 & A2, B1 & B2 5.7mm, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Series Number : 78399

Status : Active

Product Category : Backplane Connectors

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## Documents & Resources

### Drawings

[Drawing 783991011\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 783991011\\_stp.zip](#)

[Symbol Footprint Data SYM-78399-1011-001.zip](#)

### Specifications


[Application Specification AS-76060-9997-001.pdf](#)

[Product Specification PS-78213-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Backplane Connectors
Series	78399
Description	Impact 3 Pair Vertical Power Header, Blades A1 & A2, B1 & B2 5.7mm, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free
Application	Mezzanine
Component Type	Power Header
Product Family	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982587007

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	15.0A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V

### 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	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	2.440/g
Number of Columns	N/A
Number of Pairs	3
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

#### Solder Process Data

Lead-Free Process Capability	N/A
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#### Mates With / Use With

##### Mates with Part(s)

Description	Part Number
Impact 3 Pair Vertical Power Receptacles	<u>78212</u>

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