



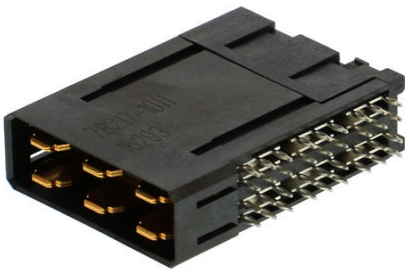
**Part Number :** [782171011](#)

**Product Description :** Impact 6 Pair, Right-Angle Power Header, Press-Fit, Blade A1 & A2; B1 & B2 and C1 & C2 Length 6.90mm, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Lead-Free

**Series Number :** 78217

**Status :** Active

**Product Category :** Backplane Connectors



## Documents & Resources

### Drawings

[782171011 sd.pdf](#)

[PK-78217-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[SYM-78217-1011-001.zip](#)


### Specifications

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

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	Backplane Connectors
Series	78217
Description	Impact 6 Pair, Right-Angle Power Header, Press-Fit, Blade A1 & A2; B1 & B2 and C1 & C2 Length 6.90mm, LCP, Glass Filled, UL94-V0, Black, Tray Packaging, Lead-Free
Application	Conventional, Coplanar
Component Type	Power Header
Product Name	Impact
UPC	884982552746

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	20.0A
Data Rate	N/A
Shielded	No
Shield Type	N/A

Voltage - Maximum	250V
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## 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	15.168/g
Number of Columns	N/A
Number of Pairs	6
Number of Rows	3
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.50mm
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 6 Pair Vertical Power Receptacles	<u>78218</u>

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## Application Tooling

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