



Part Number : [782471001](#)

Product Description : Impact 3 Pair, Right-Angle Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free

Series Number : 78247

Status : Active

Product Category : Backplane Connectors

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## Documents & Resources

### Drawings

[Drawing 782471001\\_sd.pdf](#)

[Packaging Design Drawing PK-78247-001-001.pdf](#)

### 3D Models and Design Files

[3D Model 782471001\\_stp.zip](#)

[Symbol Footprint Data SYM-78247-1001-001.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	78247
Description	Impact 3 Pair, Right-Angle Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Tray Packaging, Lead-Free
Application	Coplanar
Component Type	Power Receptacle
Product Family	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982004399

### 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	5.705/g
Number of Columns	N/A
Number of Pairs	3
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.50mm
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
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Impact 3 Pair Right-Angle Power Headers	<u>78347</u>
Impact 3 Pair Vertical Power Headers	<u>78399</u>

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