Part Number : 782181001
Product Description : Impact 6 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free
Series Number : 78218
Status : Active
Product Category : Backplane Connectors



Documents and Resources

Drawings

782181001_sd.pdf

PK-78218-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

SYM-78218-1001-001.zip

Specifications

AS-76060-9997-001.pdf

PS-78213-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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

Part Details

General

Status	Active
Category	Backplane Connectors
Series	78218
Description	Impact 6 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free
Application	Conventional, Mezzanine, Orthogonal Midplane
Component Type	Power Receptacle
Product Name	Impact
UPC	883906525965

Agency

UL	E29179

Electrical

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

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Voltage - Maximum	250V

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.762/g
Number of Columns	N/A
Number of Pairs	6
Number of Rows	3
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
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, 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	782171011

Application Tooling

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