



Part Number : 782141001

Series Number : 78214

Product Category : Backplane Connectors

Product Description : Impact 4 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Status : Active

Documents & Resources

Drawings

Drawing 782141001_sd.pdf

Packaging Design Drawing PK-78214-001-001.pdf

3D Models and Design Files

3D Model 782141001_stp.zip

Symbol Footprint Data SYM-78214-1001-001.zip


Specifications

Application Specification AS-76060-9997-001.pdf

Product Specification PS-78213-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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

Part Details

General

Status	Active
Category	Backplane Connectors
Series	78214
Description	Impact 4 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free
Application	Conventional, Mezzanine, Orthogonal Midplane
Component Type	Power Receptacle
Product Family	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	800756931340

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	20.0A
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	2.619/g
Number of Columns	N/A
Number of Pairs	4
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.00mm
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
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Impact 4 Pair Right-Angle Power Headers	<u>78349</u>
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