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Part Number:

0782141001

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

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

Documents:

3D Model

Packaging Specification PK-78214-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-78213-001-001 (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	78214
Application	Conventional, Mezzanine, Orthogonal Midplane
Application Tooling Documents	TM-622018799
Component Type	Power Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	800756931340
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
PC Tail Length	2.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/88/2018 (15	
January 2019)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

78214 Series

Mates With

78349 Impact Right Angle Header

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Impact Vertical	2034620006
Power Module	
Insertion Tool for 4-Pair Assemblies	
Vertical Power	622018643
Module Installation	
Press-In Tool	

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	20.0A
Data Rate	N/A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-78214-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78214-003
Symbol/Footprint Data	SYM-78214-1001

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