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Part Number:

0782161001

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 5 Pair, Vertical Power Receptacle, Press-Fit, LCP, Glass Filled UL94-V0, Black, Lead-Free

Documents:

3D Model	Application Specification AS-76060-9997-001 (PDF)
3D Model (PDF)	Packaging Specification PK-78216-001-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-78216-1001-001 (PDF)
Product Specification PS-78213-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

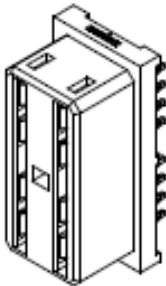
General

Product Family	Backplane Connectors
Series	78216
Application	Conventional, Mezzanine, Orthogonal Midplane
Application Tooling Documents	TM-622018799-001
Component Type	Power Receptacle
Data Rate	N/A
Overview	Impact Backplane Connector and Cable Assembly System

Product Name	Impact
Taxonomy	Backplane Connectors
UPC	883906511500

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	3.219/g
Number of Columns	N/A
Number of Pairs	5
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.50mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

78216 Series

Mates With

78351 Impact Right Angle Header, 78446 Impact Vertical Headers

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	25.0A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9997-001
Packaging Specification	PK-78216-001-001
Product Specification	PS-78213-001-001
Sales Drawing	SD-78216-002-001
Symbol/Footprint Data	SYM-78216-1001-001

This document was generated on 08/27/2022

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