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Part Number:

0768501020

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair Right-Angle Orthogonal Daughtercard, Unguided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

- Documents:
- 3D Model

Application Specification AS-76850-990-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-610-001 (PDF)
- 3D Model (PDF)

Symbol Footprint Data SYM-76850-1020-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-9999-001 (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76850
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982269132
Physical	
Circuits (Loaded)	120
Circuits (maximum)	120
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	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.860/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm, 2.15mm
Pitch - Termination Interface	1.90mm, 2.15mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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

76850 Series

Mates With

76845 Impact 100 Ohm Backplane Header

Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

No
-55° to +85°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Impedance
Shield Type
Shielded
Voltage - Maximum

0.75A
25.0 Gbps
100Ω
N/A
No
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Electrical Model Document
Packaging Specification
Product Specification
S-Parameter Model
Sales Drawing
Symbol/Footprint Data

AS-76060-9999-001, AS-76850-990-001
EE-76850-049-001, EE-76850-055-001
PK-70873-610-001
PS-76060-999-001
SP-76850-049-001, SP-76850-055-001
SD-76850-001-001
SYM-76850-1020-001

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