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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

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-9999 (PDF)

Application Specification AS-76850-990 (PDF)

Packaging Specification PK-70873-610 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76850
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799
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
Surface Mount Compatible (SMC)	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the Contact Us section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

76850 Series

Mates With

76845 Impact™ 100 Ohm Backplane 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 #
Daughter Card	0622018641
Module Installation	
Press-In Tool	
Impact Daughter Card Extraction Tool	0622024300

Temperature Range - Operating

Termination Interface: Style

-55°C 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

100#

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, AS-76850-990

EE-76850-049, EE-76850-055

PK-70873-610

PS-76060-999

SP-76850-049

SD-76850-001

SYM-76850-1020

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