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Part Number:

0768451805

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair Vertical Orthogonal Header, Unguided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free

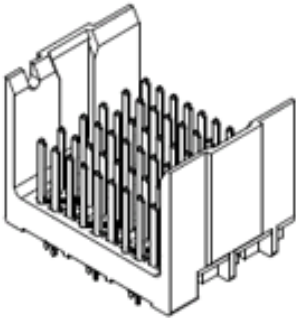
- Documents:
- 3D Model

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

Packaging Specification PK-70873-7706 (PDF)
- Product Specification PS-76060-999 (PDF)

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

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76845
Application	Orthogonal Midplane
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982053663
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
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	2.436/g
Number of Columns	8
Number of Pairs	4
Number of Rows	12
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.00mm
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
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

76845 Series

Mates With

76850 Impact™ 100 Ohm Right-Angle

Daughtercard

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™ Backplane Press-In Tool

0622030575

Impact™ Backplane Press-In Tool

0622030475

Electrical		Impact™ Ortho <u>0621009620</u>
Current - Maximum per Contact	0.75A	Backplane Removal
Data Rate	25.0 Gbps	Tool
Impedance	100#	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	30V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-76060-9999, AS-76850-990	
Packaging Specification	PK-70873-7706	
Product Specification	PS-76060-999	
Sales Drawing	SD-76845-001	
Symbol/Footprint Data	SYM-76845-1805	

This document was generated on 06/10/2016

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