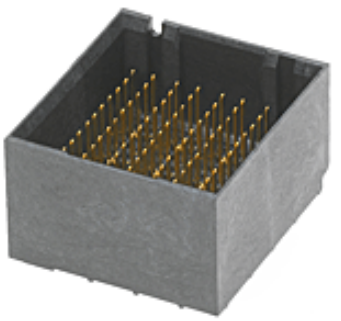
This document was generated on 01/17/2017

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Part Number: 0768451825
Status: Active
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 4 Pair Vertical Orthogonal Header, Unguided, Dual Endwall, 8 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-76060-999-001 (PDF)
- Application Specification AS-76060-9999-001 (PDF)
- Application Specification AS-76850-990-001 (PDF)
- Packaging Specification PK-70873-7706 (PDF)
- RoHS Certificate of Compliance (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	884982061699

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	3.190/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

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/21/2016 (20 June 2016)

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
RoHS Phthalates	Not Contained

Search Parts in this Series
76845 Series

Mates With
76850 Impact™ 100 Ohm Right-Angle Daughtercard

Electrical	
Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-7706
Product Specification	PS-76060-999-001
Sales Drawing	SD-76845-001
Symbol/Footprint Data	SYM-76845-1825