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Part Number:

1715749805

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 4 Pair Right-Angle Orthogonal Direct Header, Bottom Guide, Top Endwall, with Outrigger, 8 Column, 90#Mate Position, Pin Length 5.50mm, Plated Through-Hole Dimension 0.46mm, Lead-Free

Documents:	
3D Model	Application Specification AS-76060-9999-001 (PDF)
Drawing (PDF)	Application Specification AS-76850-990-001 (PDF)
Product Specification PS-45499-002-001 (PDF)	Packaging Specification PK-70873-8021-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	171574
Application	Orthogonal Direct
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact
UPC	887191433219
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
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	22.385/g
Number of Columns	8
Number of Pairs	4
Number of Rows	12
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.35mm, 1.90mm, 2.15mm
Pitch - Termination Interface	1.35mm, 1.90mm, 2.15mm
Plating min - Mating	0.762µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
Halogen-Free	
Status	
Not 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

171574 Series

Mates With

76850 Impact 100 Ohm Right Angle Orthogonal 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 Daughter Card Extraction Tool	622024300
Impact Orthogonal Direct Ram Module Installation Press-In Tool 4-Pair by 8 Column	622030027

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	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999-001, AS-76850-990-001
Packaging Specification	PK-70873-8021-001
Product Specification	PS-45499-002-001, PS-76060-999-001
Sales Drawing	SD-171574-0003
Symbol/Footprint Data	SYM-171574-9805

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