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Part Number:

0761551807

Status:

Active

Overview:

Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Open Endwall, 8 Columns, 96 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

- Documents:
- 3D Model

Application Specification AS-76060-9999-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-7701-001 (PDF)
- Product Specification PS-76060-999-001 (PDF)

Test Summary TS-76160-0001-001 (PDF)
- Application Specification AS-76060-990-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-994-001 (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76155
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	883906416485
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	2.055/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	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55° to +85°C



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	
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

76155 Series

Mates With

76160 Impact 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

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 #
Backplane Insertion	621005800
Tool for Signal Contact	
Backplane Header	621009610
Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	

Termination Interface: Style	Through Hole - Compliant Pin	Press-In Tool for Backplane Module	622018676
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		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990-001, AS-76060-994-001, AS-76060-9999-001		
Packaging Specification	PK-70873-7701-001		
Product Specification	PS-76060-999-001		
Sales Drawing	SD-76155-001-001		
Symbol/Footprint Data	SYM-76155-1807		
Test Summary	TS-76160-0001-001		

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