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Part Number: **0761551826**
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Unguided, Dual Endwall, 8 Columns, 96 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-994-001 (PDF)
Drawing (PDF)	Application Specification AS-76060-9999-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Packaging Specification PK-70873-7701 (PDF)
Product Specification TS-76160-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-990-001 (PDF)	

Agency Certification

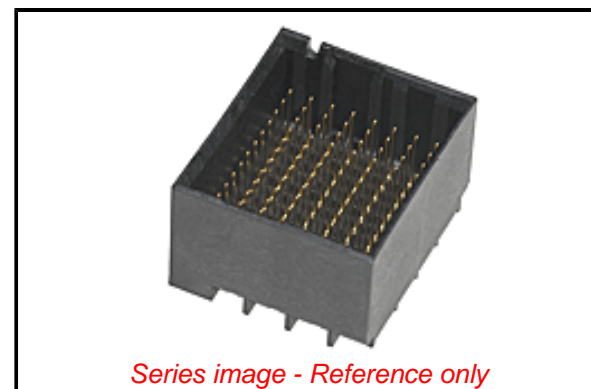
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General

Product Family	Backplane Connectors
Series	<u>76155</u>
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	<u>Impact™ Backplane Connector and Cable Assembly System</u>
Product Name	Impact™
UPC	883906417161

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	2.787/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°C to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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

76155 Series

Mates With

76160 Impact™ 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

Termination Interface: Style Through Hole - Compliant Pin

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

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-76060-990-001, AS-76060-994-001,
AS-76060-9999-001
Packaging Specification PK-70873-7701
Product Specification PS-76060-999-001, TS-76160-0001-001
Sales Drawing SD-76155-001
Symbol/Footprint Data SYM-76155-1826

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