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Part Number: [0761555106](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: [Impact™ 100 Ohm 4 Pair Vertical Backplane Header, Right Guided, Open Endwall, 10 Columns, 120 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free](#)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-76060-999-001 \(PDF\)](#)
[Product Specification TS-76160-0001-001 \(PDF\)](#)
[Application Specification AS-76060-990-001 \(PDF\)](#)
[Application Specification AS-76060-994-001 \(PDF\)](#)
[Application Specification AS-76060-9999-001 \(PDF\)](#)
[Packaging Specification PK-70873-757 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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	883906417567
Physical	
Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
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	5.782/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
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	Yes
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/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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[76155](#) Series

Mates With
[76160](#) Impact™ 100 Ohm Daughtercard

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
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990-001, AS-76060-994-001, AS-76060-9999-001
Packaging Specification	PK-70873-757
Product Specification	PS-76060-999-001, TS-76160-0001-001
Sales Drawing	SD-76155-003
Symbol/Footprint Data	SYM-76155-5106

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