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Part Number:

0764551104

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 2 Pair Vertical Backplane Header, Unguided, Open Endwall, 10 Columns, 60 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.46mm, Lead-Free

- Documents:
- 3D Model

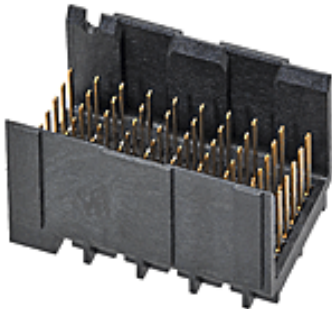
Packaging Specification PK-70873-761 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-7704 (PDF)
- Product Specification PS-76060-999 (PDF)

Test Summary TS-76460-0001 (PDF)
- Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-76060-9999 (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76455
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982357334
Physical	
Circuits (Loaded)	60
Circuits (maximum)	60
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	1.674/g
Number of Columns	10
Number of Pairs	2
Number of Rows	6
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
Surface Mount Compatible (SMC)	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

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

Search Parts in this Series

76455 Series

Mates With

76460 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

0621005800

Tool for Signal

Contact

Temperature Range - Operating	-55°C to +85°C	Backplane Header	0621009610
Termination Interface: Style	Through Hole - Compliant Pin	Removal Tool for	
Electrical		GbX® U-Series, GbX	
Current - Maximum per Contact	0.75A	I-Trac™, Impact™,	
Data Rate	25.0 Gbps	or Z-PACK Tinman*	
Impedance	100#	Backplane Module	0622018692
Shield Type	N/A	Installation Press-In	
Shielded	No	Tool for 2-Pair by 10-	
Voltage - Maximum	30V AC (RMS)/DC	Column Assemblies	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990, AS-76060-9999		
Packaging Specification	PK-70873-761, PK-70873-7704		
Product Specification	PS-76060-999		
Sales Drawing	SD-76455-001		
Symbol/Footprint Data	SYM-76455-1104		
Test Summary	TS-76460-0001		

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