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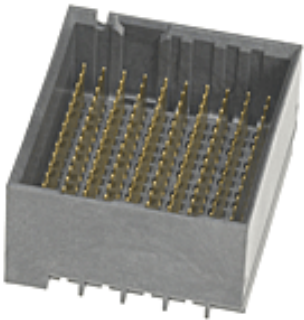
Part Number: [1704751128](#)
Status: **Active**
Overview: [Impact™ Backplane Connector and Cable Assembly System](#)
Description: Impact™ 85 Ohm Plus 5 Pair Vertical Backplane Header, Unguided, Dual Endwalls, 10 Columns, 150 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:
[3D Model](#) [Application Specification AS-76060-990 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-7702 \(PDF\)](#)
[Product Specification PS-170540-999 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series [170475](#)
Application Conventional
Application Tooling Documents TM-622018799
Component Type PCB Header
Overview [Impact™ Backplane Connector and Cable Assembly System](#)
Product Name Impact™
UPC 884982667921

Physical
Circuits (Loaded) 150
Circuits (maximum) 150
Color - Resin Gray
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 4.987/g
Number of Columns 10
Number of Pairs 5
Number of Rows 15
Orientation Vertical
PC Tail Length 1.40mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.00mm
Packaging Type Tray
Pitch - Mating Interface 1.35mm, 1.90mm
Pitch - Termination Interface 1.35mm, 1.90mm
Plating min - Mating 0.762µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole - Compliant Pin



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
[170475](#) Series

Mates With
[170480](#) Impact™ 85 Ohm Plus Right Angle Receptacle

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 Header Removal Tool for GbX® U-Series, GbX I-Trac™, Impact™, or Z-PACK Tinman*	0621009610

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Packaging Specification	PK-70873-7702
Product Specification	PS-170540-999
Sales Drawing	SD-170475-0001
Symbol/Footprint Data	SYM-170475-1128

Impact™ Insertion Tool	<u>0621005850</u>
Impact™ 85 Ohm Backplane Press-In Tool	<u>0622018821</u>

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