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Part Number: [75465-0105](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 1.85mm by 1.85mm Pitch 4 Pair GbX® Backplane L-Series Connector System, Open Header, 110 Circuits, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:

[3D Model](#) [Product Specification PS-75221-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

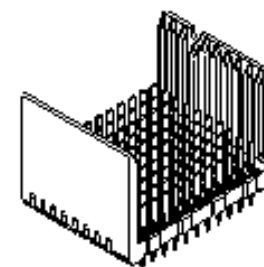
UL E29179

General

Product Family Backplane Connectors
 Series [75465](#)
 Application Backplane
 Application Tooling Documents TM-622022099
 Comments Open Header
 Component Type PCB Header
 Overview [GbX® Backplane Connector System](#)
 Product Name GbX®
 Style N/A
 UPC 822348690572

Physical

Circuits (Loaded) 110
 Circuits (maximum) 110
 Color - Resin Gray (Dark)
 Durability (mating cycles max) 250
 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-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 4.224/g
 Number of Columns 10
 Number of Pairs 4
 Number of Rows 11
 Orientation Vertical
 PC Tail Length 2.20mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 1.85mm
 Pitch - Termination Interface 1.85mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.762µm
 Polarized to PCB Yes
 Stackable Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +105°C



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC
Not Reviewed

Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[75465Series](#)

Mates With

GbX® Daughtercards [75420](#) , [75426](#)

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 4-Pair by 10-Wide L Series Insertion Tool	0622022025
Single Pin Repair Tool	0622022090

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A

Data Rate

8.0 Gbps

Real Signals (per 25mm)

149

Voltage - Maximum

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-75221-999

Sales Drawing

SD-75465-010

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