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Part Number: [75861-4104](#)
Status: **Active**
Overview: [GbX® Backplane Connector System](#)
Description: 2-Pair GbX® Backplane L-Series Connector System, Right Guide Header, 50 Circuits, Gold (Au) 0.76µm, Pin Length 4.55mm

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	75861
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Left Guide Header, No Keying Position
Component Type	PCB Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
Style	N/A
UPC	800756809441
Physical	
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	5.047/g
Number of Columns	10
Number of Pairs	2
Number of Rows	5
Orientation	Vertical
PC Tail Length	2.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	1.85mm
Pitch - Termination Interface	1.85mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical
Current - Maximum per Contact 1A

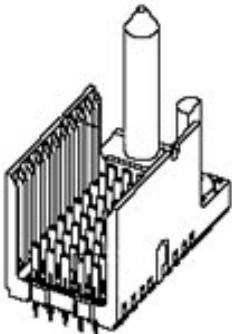


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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
[75861Series](#)

Mates With
[75676 Gbx Hybrid Daughtercard](#). [75671 GbX® L-Series Daughtercard](#)

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 #
2-Pair by 10-Wide L-Series Insertion Module	0622022450

Data Rate	8.0 Gbps
Real Signals (per 25mm)	67
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-75861-410
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This document was generated on 12/09/2014

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