

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0758322204**  
**Status:** **Active**  
**Overview:** GbX® Backplane Connector System  
**Description:** GbX L-Series Backplane Connector System, 2-Pair, 25 Columns, Left Guide Header, 100 Circuits, 25 Columns, Pin Length 4.55mm, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-5058 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75221-999-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
Series [75832](#)  
Application Backplane  
Application Tooling Documents TM-622022099  
Component Type Power Header  
Overview [GbX® Backplane Connector System](#)  
Product Name GbX  
UPC 883906869779

**Physical**

Circuits (Loaded) 100  
Circuits (maximum) 100  
Color - Resin Gray  
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 9.381/g  
Number of Columns 25  
Number of Pairs 2  
Number of Rows 7  
Orientation Vertical  
PC Tail Length 2.30mm  
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 No  
Stackable Yes  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating 105°C  
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75832](#) Series

**Mates With**

[75874](#) GbX Daughtercard Lead-Free

**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 #**

GbX 2-Pair by 25-  
Wide Differential  
Insertion Tool

[0622022430](#)

**Electrical**

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-70873-5058
Product Specification	PS-75221-999-001
Sales Drawing	SD-75832-210

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