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**Part Number:** [0752352124](#)  
**Status:** **Active**  
**Overview:** [gbx\\_backplane\\_connector\\_system](#)  
**Description:** 1.85mm by 1.85mm (.073 by .073") Pitch 4-Pair GbX® Backplane Connector System, Left Guide Header, 80 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 4.55mm (.179")

**Documents:**

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

**Agency Certification**

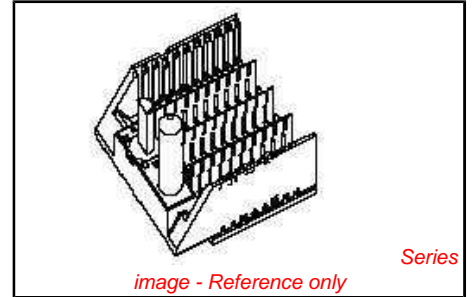
UL E29179

**General**

Product Family Backplane Connectors  
 Series [75235](#)  
 Application Backplane  
 Application Tooling Documents <a href="http://www.molex.com/pdm\_docs/ats/TM-622022099.pdf">Tooling Manual</a>  
 Comments Left Guide Header, Keying Position B  
 Component Type PCB Header  
 Overview [gbx\\_backplane\\_connector\\_system](#)  
 Product Name GbX®  
 Style N/A

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 Color - Resin Gray (Dark)  
 Durability (mating cycles max) 200  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 Material - Metal High Performance Alloy (HPA), Stainless Steel  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin-Lead  
 Material - Resin High Temperature Thermoplastic  
 Number of Columns 10  
 Number of Pairs 4  
 Number of Rows 8  
 Orientation Vertical  
 PC Tail Length 2.20mm (.087")  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Tray  
 Pitch - Mating Interface 1.85mm (.073")  
 Pitch - Termination Interface 1.85mm (.073")  
 Plating min - Mating 0.762µm (30µ")  
 Plating min - Termination 0.762µm (30µ")  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating 105°C  
 Termination Interface: Style Through Hole - Compliant Pin



**EU RoHS** **China RoHS**  
**RoHS Compliant by Exemption**  
**REACH SVHC** Not Reviewed  
**Low-Halogen Status** Not Reviewed  
**Not Reviewed**  Pb

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

Email [productcompliance@molex.com](mailto: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**  
[75235Series](#)

**Mates With**  
[75220 GbX® 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 #
Insertion Tool, GbX®	<a href="#">0622022000</a>
4 pair by 10 wide	
Insertion Tool, GbX®	<a href="#">0622022010</a>
4 pair by 20 wide	
GbX® Single Pin	<a href="#">0622022090</a>
Repair Tool	
GbX® Shield	<a href="#">0622022100</a>
Removal Tool	

**Electrical**

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-75221-999
Sales Drawing	SD-75235-210

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