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**Part Number:** [0752352127](#)  
**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) 1.27µm (50µ"), Pin Length 3.55mm (.140")

**Documents:**

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

**Agency Certification**

UL E29179

**General**

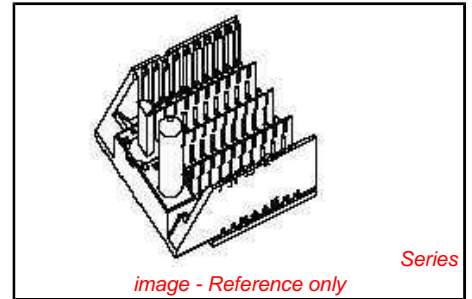
Product Family Backplane Connectors  
 Series [75235](#)  
 Application Backplane  
 Application Tooling Documents [<a href="http://www.molex.com/pdm\\_docs/ats/TM-622022099.pdf">Tooling Manual</a>](#)  
 Comments Left Guide Header, Keying Position B  
 Component Type PCB Header  
 Overview [gbx\\_backplane\\_connector\\_system](#)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

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 Durability (mating cycles max) 200  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 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")  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating 105°C

**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



<p><b>EU RoHS</b>  <b>RoHS Compliant by Exemption</b>  <b>REACH SVHC</b>                  Not Reviewed  <b>Low-Halogen Status</b>                  Not Reviewed</p>	<p><b>China RoHS</b></p>  <p>Pb</p>
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**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](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75235-210

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This document was generated on 11/18/2010

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