

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

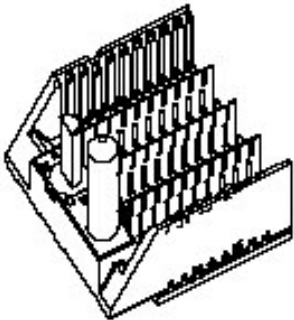
**Part Number:** [0752352108](#)  
**Status:** **Active**  
**Overview:** [GbX® Backplane Connector System](#)  
**Description:** 4-Pair GbX® Backplane Connector System, Left Guide Header, 80 Circuits, Gold (Au)  
1.27µm, Pin Length 4.55mm

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

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| <b>Agency Certification</b>   |                                                 |
| UL                            | E29179                                          |
| <b>General</b>                |                                                 |
| Product Family                | Backplane Connectors                            |
| Series                        | <a href="#">75235</a>                           |
| Application                   | Backplane                                       |
| Application Tooling Documents | TM-622022099                                    |
| Comments                      | Left Guide Header, No Keying Position           |
| Component Type                | PCB Header                                      |
| Overview                      | <a href="#">GbX® Backplane Connector System</a> |
| Product Name                  | GbX®                                            |
| UPC                           | 822350173759                                    |

|                                |          |
|--------------------------------|----------|
| <b>Physical</b>                |          |
| 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          | None     |
| Material - Plating Mating      | Gold     |
| Net Weight                     | 8.352/g  |
| Number of Columns              | 10       |
| Number of Pairs                | 4        |
| Number of Rows                 | 8        |
| 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   |
| Polarized to PCB               | No       |
| Stackable                      | Yes      |
| Surface Mount Compatible (SMC) | Yes      |
| Temperature Range - Operating  | 105°C    |

|                               |                     |
|-------------------------------|---------------------|
| <b>Electrical</b>             |                     |
| Current - Maximum per Contact | 1.0A                |
| Data Rate                     | 8.0 Gbps            |
| Real Signals (per 25mm)       | 108                 |
| Shield Type                   | Ground Plane Shield |
| Shielded                      | Yes                 |
| Voltage - Maximum             | 120V AC (RMS)/DC    |



Series image - Reference only

**EU ELV**  
**Not Relevant**

|                                                                                                                                                                 |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Contains SVHC(2014<br>December 17): No<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b> | <b>China RoHS</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|

**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 | Green Image  |
| ELV        | Not Relevant |

**Search Parts in this Series**  
[75235](#) Series

**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, 4-pair by 10-Wide | <a href="#">0622022000</a> |
| Single Pin Repair Tool            | <a href="#">0622022090</a> |
| Shield Removal Tool               | <a href="#">0622022100</a> |
| Insertion Tool, 4-pair by 20-Wide | <a href="#">0622022010</a> |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

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

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 06/26/2015

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**