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

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

|                               |                                                |
|-------------------------------|------------------------------------------------|
| <b>Agency Certification</b>   |                                                |
| UL                            | E29179                                         |
| <b>General</b>                |                                                |
| Product Family                | Backplane Connectors                           |
| Series                        | <a href="#">75832</a>                          |
| Application                   | Backplane                                      |
| Application Tooling Documents | TM-622022099                                   |
| Component Type                | Power Header                                   |
| Overview                      | <a href="#">GbX Backplane Connector System</a> |
| Product Name                  | GbX                                            |
| UPC                           | 883906869779                                   |

|                                |                                |
|--------------------------------|--------------------------------|
| <b>Physical</b>                |                                |
| 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

|                                                                                                                                                                                                                                               |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                          |                                                                                               |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>ED/71/2019 (16 July<br>2019)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
|                                                                                                                                                                                                                                               | Green Image<br>Not Relevant<br>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 | <a href="#">622022430</a> |

**Electrical**

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

**Solder Process Data**

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

**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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