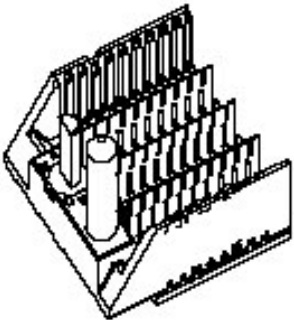


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**Part Number:** [0752352703](#)  
**Status:** **Active**  
**Overview:** [GbX Backplane Connector System](#)  
**Description:** GbX 4 Pair Backplane Connector System, Left Guide Header, 56 Circuits, 7 Columns, Gold (Au) 0.76µm, Pin Length 3.55mm

**Documents:**  
[Drawing \(PDF\)](#) [Packaging Specification PK-70873-563 \(PDF\)](#)  
[Product Specification PS-75221-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| <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, Left Guide Header, No Keying Position |
| Component Type                 | PCB Header                                                                   |
| Overview                       | <a href="#">GbX Backplane Connector System</a>                               |
| Product Name                   | GbX                                                                          |
| UPC                            | 822350174077                                                                 |
| <b>Physical</b>                |                                                                              |
| Circuits (Loaded)              | 56                                                                           |
| Circuits (maximum)             | 56                                                                           |
| 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          | None                                                                         |
| Material - Metal               | High Performance Alloy (HPA), Stainless Steel                                |
| Material - Plating Mating      | Gold                                                                         |
| Material - Plating Termination | Tin-Lead                                                                     |
| Material - Resin               | High Temperature Thermoplastic                                               |
| Net Weight                     | 7.083/g                                                                      |
| Number of Columns              | 7                                                                            |
| 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                                                                       |
| 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**  
[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 #                 |
|-------------------------------------------|---------------------------|
| GbX Insertion Tool for 4-Pair by 7-Column | <a href="#">622022120</a> |

**Electrical**

|                               |                     |
|-------------------------------|---------------------|
| 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    |

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-70873-563     |
| Product Specification   | PS-75221-999-001 |
| Sales Drawing           | SD-75235-270     |

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