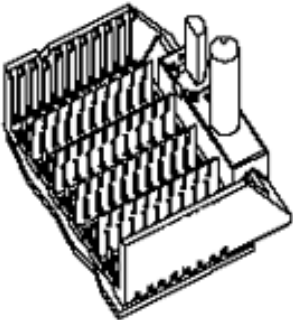


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**Part Number:** [0752374184](#)  
**Status:** **Active**  
**Overview:** [GbX Backplane Connector System](#)  
**Description:** GbX 5 Pair Backplane Connector System, Right Guide Header, 100 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation H

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

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                                              |
| UL                             | E29179                                                                       |
| <b>General</b>                 |                                                                              |
| Product Family                 | Backplane Connectors                                                         |
| Series                         | <a href="#">75237</a>                                                        |
| Application                    | Backplane                                                                    |
| Application Tooling Documents  | TM-622022099                                                                 |
| Comments                       | Right Guide Header, Keying Position H, Right Guide Header, Keying Position H |
| Component Type                 | PCB Header                                                                   |
| Overview                       | <a href="#">GbX Backplane Connector System</a>                               |
| Product Name                   | GbX                                                                          |
| UPC                            | 822350178204                                                                 |
| <b>Physical</b>                |                                                                              |
| Circuits (Loaded)              | 100                                                                          |
| Circuits (maximum)             | 100                                                                          |
| 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                                               |
| Net Weight                     | 8.663/g                                                                      |
| Number of Columns              | 10                                                                           |
| Number of Pairs                | 5                                                                            |
| Number of Rows                 | 10                                                                           |
| 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>Not Reviewed</b><br><b>REACH SVHC</b><br>Not Reviewed<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Reviewed</b> | <b>China RoHS</b> |
| For more information, please visit <a href="#">Contact US</a>                                                                             |                   |
| China ROHS                                                                                                                                | Not Reviewed      |
| ELV                                                                                                                                       | Not Relevant      |
| RoHS Phthalates                                                                                                                           | Not Reviewed      |

**Search Parts in this Series**  
[75237](#) Series

**Mates With**  
[75360](#) 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, 5-Pair by 10-Wide | <a href="#">622022030</a> |
| Insertion Tool, 5-Pair by 20-Wide | <a href="#">622022040</a> |
| Single Pin Repair Tool            | <a href="#">622022090</a> |
| Shield Removal Tool               | <a href="#">622022100</a> |

**Electrical**

|                               |                     |
|-------------------------------|---------------------|
| Current - Maximum per Contact | 1.0A                |
| Data Rate                     | 8.0 Gbps            |
| Real Signals (per 25mm)       | 135                 |
| 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**

|                       |                  |
|-----------------------|------------------|
| Product Specification | PS-75221-999-001 |
| Sales Drawing         | SD-75237-410     |

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