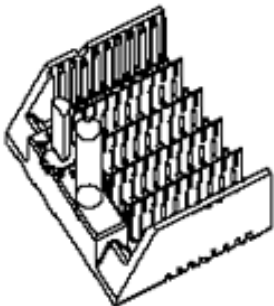


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**Part Number:** [0752372114](#)  
**Status:** **Active**  
**Overview:** [GbX Backplane Connector System](#)  
**Description:** GbX 5 Pair Backplane Connector System, Left Guide Header, 100 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation A

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

|                                |                                                                            |
|--------------------------------|----------------------------------------------------------------------------|
| <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                       | Left Guide Header, Keying Position A, Left Guide Header, Keying Position A |
| Component Type                 | PCB Header                                                                 |
| Overview                       | <a href="#">GbX Backplane Connector System</a>                             |
| Product Name                   | GbX                                                                        |
| UPC                            | 822350176538                                                               |
| <b>Physical</b>                |                                                                            |
| Circuits (Loaded)              | 100                                                                        |
| Circuits (maximum)             | 100                                                                        |
| Durability (mating cycles max) | 200                                                                        |
| First Mate / Last Break        | No                                                                         |
| Flammability                   | 94V-0                                                                      |
| Guide to Mating Part           | Yes                                                                        |
| Keying to Mating Part          | Yes                                                                        |
| Material - Plating Mating      | Gold                                                                       |
| 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                                                                     |
| 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)        | 135                                                                        |
| Shield Type                    | Ground Plane Shield                                                        |
| Shielded                       | Yes                                                                        |



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

|                                                                                                                                                                                                                            |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| <b>Application Tooling   FAQ</b><br><i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> |                           |
| <b>Global</b>                                                                                                                                                                                                              |                           |
| <b>Description</b>                                                                                                                                                                                                         | <b>Product #</b>          |
| 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> |

|                                    |                  |
|------------------------------------|------------------|
| Voltage - Maximum                  | 120V AC (RMS)/DC |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | N/A              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Product Specification              | PS-75221-999-001 |
| Sales Drawing                      | SD-75237-210     |

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