

**Part Number: 75235-4717**

Image not available

**Status:** Active - Custom  
**Series:** [75235](#)  
**Category:** Backplane Connectors  
**Overview:** [GbX® Backplane Connector System](#)

Series image - Reference only

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**Mates With Part(s):**  
[75220](#) GbX® Daughtercard

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#### Product Environmental Compliance

[EU RoHS:](#) RoHS Compliant by Exemption

[China RoHS:](#) 

[REACH SVHC:](#)

[Low-Halogen Status:](#) Not Reviewed

**Part Detail****General**

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| <b>Status</b>                 | <b>Active - Custom</b>                          |
| Category                      | Backplane Connectors                            |
| Series                        | <a href="#">75235</a>                           |
| Application                   | Backplane                                       |
| Application Tooling Documents | TM-622022099                                    |
| Comments                      | Right Guide Header, Keying Postion A            |
| Component Type                | PCB Header                                      |
| Overview                      | <a href="#">GbX® Backplane Connector System</a> |
| Product Name                  | GbX®                                            |
| Style                         | N/A                                             |

**Physical**

|                                |          |
|--------------------------------|----------|
| Circuits (Loaded)              | 56       |
| Circuits (maximum)             | 56       |
| 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     |
| 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   |
| Polarized to PCB               | No       |
| Stackable                      | No       |
| Surface Mount Compatible (SMC) | Yes      |
| Temperature Range - Operating  | 105°C    |

**Electrical****(Please review the Product Specification for specific details.)**

|                               |                     |
|-------------------------------|---------------------|
| Current - Maximum per Contact | 1A                  |
| Data Rate                     | 8.0 Gbps            |
| Real Signals (per 25mm)       | 108                 |
| Shield Type                   | Ground Plane Shield |
| Shielded                      | Yes                 |
| Voltage - Maximum             | 120V AC (RMS)/DC    |

**Agency Certification**

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

**Material Info**

|     |              |
|-----|--------------|
| UPC | 822350174916 |
|-----|--------------|

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-75221-999 |
| Sales Drawing         | SD-75235-470 |

**Application Tooling**

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 for 4-Pair by 7-Column | <a href="#">0622022120</a> |

**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)