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**Part Number:** [0752374284](#)  
**Status:** **Active**  
**Overview:** [GbX Backplane Connector System](#)  
**Description:** GbX 5 Pair Backplane Connector System, Right Guide Header, 250 Circuits, 25 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation H

**Documents:**

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

**Agency Certification**

UL E29179

**General**

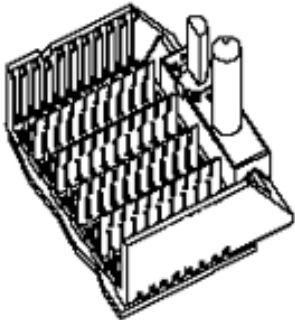
Product Family Backplane Connectors  
Series [75237](#)  
Application Backplane  
Application Tooling Documents TM-622022099  
Comments Right Guide Header, Keying Position H, Right Guide Header, Keying Position H  
Component Type PCB Header  
Overview [GbX Backplane Connector System](#)  
Product Name GbX  
UPC 822350179645

**Physical**

Circuits (Loaded) 250  
Circuits (maximum) 250  
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 15.413/kg  
Number of Columns 25  
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

**Electrical**

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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

|                 |              |
|-----------------|--------------|
| 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 25-Wide | <a href="#">622022050</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-75237-410     |

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