

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0752352733

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, Key Orientation C

Documents:

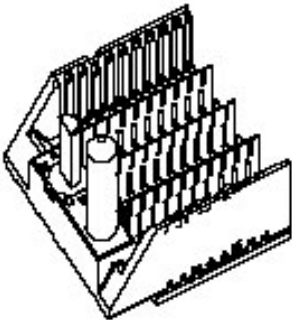
Drawing (PDF)

Product Specification PS-75221-999-001 (PDF)

Packaging Specification PK-70873-563 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                            |
|--------------------------------|----------------------------------------------------------------------------|
| Agency Certification           |                                                                            |
| UL                             | E29179                                                                     |
| General                        |                                                                            |
| Product Family                 | Backplane Connectors                                                       |
| Series                         | 75235                                                                      |
| Application                    | Backplane                                                                  |
| Application Tooling Documents  | TM-622022099                                                               |
| Comments                       | Left Guide Header, Keying Position C, Left Guide Header, Keying Position C |
| Component Type                 | PCB Header                                                                 |
| Overview                       | GbX Backplane Connector System                                             |
| Product Name                   | GbX                                                                        |
| UPC                            | 822350176101                                                               |
| Physical                       |                                                                            |
| 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          | 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                     | 4.435/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

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China 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

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

622022120

**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     |

This document was generated on 09/14/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[75235-2733](#)