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Part Number:

0752370105

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 5 Pair Backplane Connector System, Open Header, 100 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm

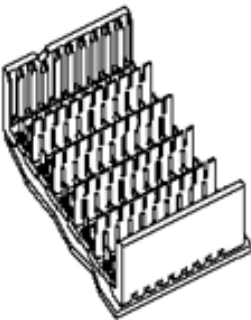
Documents:

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| UL                             | E29179                         |
| General                        |                                |
| Product Family                 | Backplane Connectors           |
| Series                         | 75237                          |
| Application                    | Backplane                      |
| Application Tooling Documents  | TM-622022099                   |
| Comments                       | Open Header, Open Header       |
| Component Type                 | PCB Header                     |
| Overview                       | GbX Backplane Connector System |
| Product Name                   | GbX                            |
| UPC                            | 822348810451                   |
| Physical                       |                                |
| 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           | No                             |
| Keying to Mating Part          | None                           |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin-Lead                       |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 6.392/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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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 | 622022030 |
| Insertion Tool, 5-Pair by 20-Wide | 622022040 |
| Single Pin Repair Tool            | 622022090 |
| Shield Removal Tool               | 622022100 |

**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-75237-010     |

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