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Part Number:

0752372244

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 5 Pair Backplane Connector System, Left Guide Header, 250 Circuits, 25 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm, Key Orientation D

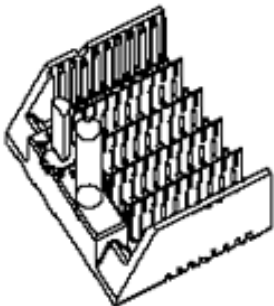
Documents:

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                       | Left Guide Header, Keying Position D, Left Guide Header, Keying Position D |
| Component Type                 | PCB Header                                                                 |
| Overview                       | GbX Backplane Connector System                                             |
| Product Name                   | GbX                                                                        |
| UPC                            | 822350177467                                                               |
| 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 | 622022050 |
| Single Pin Repair Tool            | 622022090 |
| Shield Removal Tool               | 622022100 |

|                                    |                  |
|------------------------------------|------------------|
| 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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