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Part Number:

0752354147

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair Backplane Connector System, Right Guide Header, 80 Circuits, 10 Columns, Gold (Au) 1.27µm, Pin Length 3.55mm, Key Orientation D

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                       | Right Guide Header, Keying Position D, Right Guide Header, Keying Position D |
| Component Type                 | PCB Header                                                                   |
| Overview                       | GbX Backplane Connector System                                               |
| Product Name                   | GbX                                                                          |
| UPC                            | 822350179775                                                                 |
| Physical                       |                                                                              |
| Circuits (Loaded)              | 80                                                                           |
| Circuits (maximum)             | 80                                                                           |
| 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                     | 4.537/g                                                                      |
| Number of Columns              | 10                                                                           |
| 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                      | 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)        | 108                                                                          |
| Shield Type                    | Ground Plane Shield                                                          |
| Shielded                       | Yes                                                                          |



Series image - Reference only

|                                                               |              |
|---------------------------------------------------------------|--------------|
| EU ELV                                                        |              |
| Not Relevant                                                  |              |
| EU RoHS                                                       | China RoHS   |
| Not Reviewed                                                  |              |
| REACH SVHC                                                    |              |
| Not Reviewed                                                  |              |
| Halogen-Free                                                  |              |
| Status                                                        |              |
| Not Reviewed                                                  |              |
| For more information, please visit <a href="#">Contact US</a> |              |
| 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   <a href="#">FAQ</a>                                                                                                                                       |           |
| 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, 4-Pair by 10-Wide                                                                                                                                               | 622022000 |
| Insertion Tool, 4-pair by 20-Wide                                                                                                                                               | 622022010 |
| 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> |                  |
| Packaging Specification            | PK-70873-563     |
| Product Specification              | PS-75221-999-001 |
| Sales Drawing                      | SD-75235-410     |

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