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Part Number:

0758542104

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair L-Series Backplane Connector System, Left Guided, 110 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 4.55mm

|                                                              |                                                            |
|--------------------------------------------------------------|------------------------------------------------------------|
| <b>Documents:</b>                                            |                                                            |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-70873-563 (PDF)</a> |
| <a href="#">Product Specification PS-75221-999-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

|                                |                                                |
|--------------------------------|------------------------------------------------|
| <b>Agency Certification</b>    |                                                |
| UL                             | E29179                                         |
| <b>General</b>                 |                                                |
| Product Family                 | Backplane Connectors                           |
| Series                         | 75854                                          |
| Application                    | Backplane                                      |
| Component Type                 | PCB Header                                     |
| Overview                       | <a href="#">GbX Backplane Connector System</a> |
| Product Name                   | GbX                                            |
| UPC                            | 884982750630                                   |
| <b>Physical</b>                |                                                |
| Circuits (Loaded)              | 110                                            |
| Circuits (maximum)             | 110                                            |
| Color - Resin                  | Gray                                           |
| 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                                            |
| Material - Resin               | High Temperature Thermoplastic                 |
| Net Weight                     | 7.640/g                                        |
| Number of Columns              | 10                                             |
| Number of Pairs                | 4                                              |
| Number of Rows                 | 11                                             |
| 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                   |
| <b>Electrical</b>              |                                                |
| Current - Maximum per Contact  | 1.0A                                           |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75854 Series

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 #

Backplane 4-Pair by [622022025](#)

10-Wide L Series

Insertion Tool

|                                    |                  |
|------------------------------------|------------------|
| Data Rate                          | 8.0 Gbps         |
| Shielded                           | No               |
| 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-75854-210     |

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