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Part Number:

0753416644

Status:

Active

Overview:

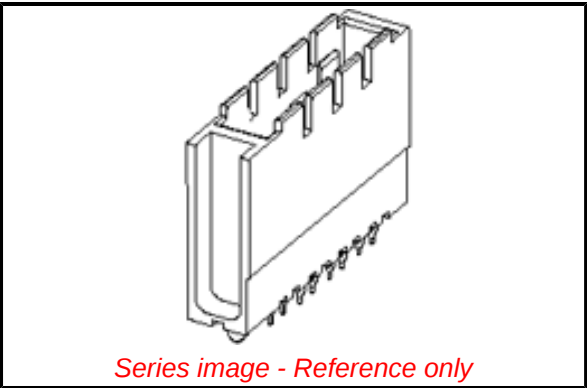
GbX Backplane Connector System

Description:

GbX 4 Pair Backplane Connector System, Power Module, 8 Circuits, 1.27µm Gold (Au)

|               |                                      |
|---------------|--------------------------------------|
| Documents:    |                                      |
| 3D Model      | RoHS Certificate of Compliance (PDF) |
| Drawing (PDF) |                                      |

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                                          |
| UL                             | E29179                                                                                                   |
| General                        |                                                                                                          |
| Product Family                 | Backplane Connectors                                                                                     |
| Series                         | 75341                                                                                                    |
| Application                    | Backplane                                                                                                |
| Application Tooling Documents  | TM-622022099                                                                                             |
| Comments                       | Blade Length A 6.00mm, B 6.00mm, C 4.50mm, D 4.50mm, Blade Length A 6.00mm, B 6.00mm, C 4.50mm, D 4.50mm |
| Component Type                 | Power Header                                                                                             |
| Overview                       | GbX Backplane Connector System                                                                           |
| Product Name                   | GbX                                                                                                      |
| UPC                            | 822348646593                                                                                             |
| Physical                       |                                                                                                          |
| Circuits (Loaded)              | 8                                                                                                        |
| Circuits (maximum)             | 8                                                                                                        |
| Circuits Detail                | Rows A, B, C, & D                                                                                        |
| Color - Resin                  | Gray                                                                                                     |
| Durability (mating cycles max) | 200                                                                                                      |
| First Mate / Last Break        | Yes                                                                                                      |
| Flammability                   | 94V-0                                                                                                    |
| Guide to Mating Part           | No                                                                                                       |
| Keying to Mating Part          | None                                                                                                     |
| Material - Plating Mating      | Gold                                                                                                     |
| Material - Plating Termination | Tin-Lead                                                                                                 |
| Material - Resin               | High Temperature Thermoplastic                                                                           |
| Net Weight                     | 2.312/g                                                                                                  |
| Number of Columns              | N/A                                                                                                      |
| Number of Pairs                | 4                                                                                                        |
| Number of Rows                 | 4                                                                                                        |
| Orientation                    | Vertical                                                                                                 |
| PC Tail Length                 | 2.40mm                                                                                                   |
| PCB Locator                    | Yes                                                                                                      |
| PCB Retention                  | Yes                                                                                                      |
| PCB Thickness - Recommended    | 1.60mm                                                                                                   |
| Packaging Type                 | Tube                                                                                                     |
| Pitch - Mating Interface       | 1.85mm                                                                                                   |
| Pitch - Termination Interface  | 1.85mm                                                                                                   |
| Plating min - Mating           | 1.270µm                                                                                                  |
| Plating min - Termination      | 0.762µm                                                                                                  |
| Polarized to PCB               | Yes                                                                                                      |
| Stackable                      | Yes                                                                                                      |
| Surface Mount Compatible (SMC) | Yes                                                                                                      |
| Temperature Range - Operating  | -55° to +105°C                                                                                           |
| Termination Interface: Style   | Through Hole - Compliant Pin                                                                             |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Not Reviewed                                                  |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/71/2019 (16 July 2019)                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | 50 Image      |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

75341 Series

Mates With

75292 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 Module, 4-Pair 1-Up Power Module | 622022005 |
| Single Pin Repair Tool                     | 622022090 |
| Shield Removal Tool                        | 622022100 |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 6.0A             |
| Data Rate                     | 8.0 Gbps         |
| Real Signals (per 25mm)       | 0                |
| Shielded                      | No               |
| Voltage - Maximum             | 120V AC (RMS)/DC |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|               |              |
|---------------|--------------|
| Sales Drawing | SD-75341-001 |
|---------------|--------------|

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