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**Part Number:** [0757051614](#)  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Left End Wall, 11 Rows, 6 Columns, 132 Circuits, Mating Pin Length 5.70mm, Orientation Key A

**Documents:**

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-75710-999 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**Agency Certification**

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

**General**

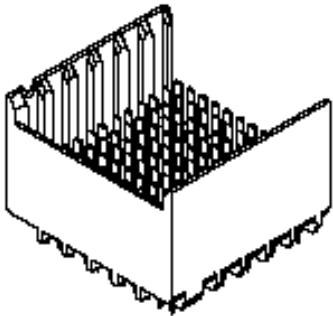
|                |                                                        |
|----------------|--------------------------------------------------------|
| Product Family | Backplane Connectors                                   |
| Series         | <a href="#">75705</a>                                  |
| Application    | Backplane, Midplane, Orthogonal                        |
| Component Type | PCB Header                                             |
| Overview       | <a href="#">GbX I-Trac™ Backplane Connector System</a> |
| Product Name   | GbX I-Trac™                                            |
| UPC            | 822350854436                                           |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 132                            |
| Circuits (maximum)             | 132                            |
| Color - Resin                  | Black                          |
| 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                     | 4.850/g                        |
| Number of Columns              | 6                              |
| Number of Pairs                | 6, Open Pin Field              |
| Number of Rows                 | 11                             |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 2.10mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 1.85mm, 3.70mm                 |
| Pitch - Termination Interface  | 1.00mm, 2.70mm                 |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.762µm                        |
| Polarized to PCB               | No                             |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55°C to +80°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
|-------------------------------|------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**China RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[75705](#) Series

**Mates With**

[75710](#) GbX I-Trac™ Right Angle Receptacle Module

**Use With**

[78232](#) GbX I-Trac™ Vertical Power Receptacle. [75234](#) Backplane Free Standing Guide Pin

**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 #**

|                                    |                  |                                       |
|------------------------------------|------------------|---------------------------------------|
| Data Rate                          | 12.0 Gbps        | Press-In Tool for <u>0622018602</u>   |
| Real Signals (per 25mm)            | 148              | Vertical Header 11-                   |
| Shield Type                        | N/A              | Row, 6-Column                         |
| Shielded                           | No               | Backplane Insertion <u>0621005110</u> |
| Voltage - Maximum                  | 120V AC (RMS)/DC | Tool for Signal                       |
| <b>Solder Process Data</b>         |                  | Contact Insertion                     |
| Lead-freeProcess Capability        | N/A              |                                       |
| <b>Material Info</b>               |                  |                                       |
| <b>Reference - Drawing Numbers</b> |                  |                                       |
| Product Specification              | PS-75710-999     |                                       |
| Sales Drawing                      | SD-75705-001     |                                       |

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