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**Part Number:** [0757053104](#)  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 11 Rows, 10 Columns, 220 Circuits, Mating Pin Length 5.70mm

**Documents:**

[3D Model](#) [Product Specification PS-75710-999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
Series [75705](#)  
Application Backplane, Midplane, Orthogonal  
Component Type PCB Header  
Overview [GbX I-Trac™ Backplane Connector System](#)  
Product Name GbX I-Trac™  
UPC 822350732239

**Physical**

Circuits (Loaded) 220  
Circuits (maximum) 220  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part Yes  
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 11.083/g  
Number of Columns 10  
Number of Pairs 6, Open Pin Field  
Number of Rows 11  
Orientation Vertical  
PC Tail Length 2.10mm  
PCB Locator No  
PCB Retention Yes  
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        | Backplane Insertion | <u>0621005110</u> |
| Real Signals (per 25mm)            | 148              | Tool for Signal     |                   |
| Shield Type                        | N/A              | Contact Insertion   |                   |
| Shielded                           | No               | Press-In Tool for   | <u>0622018603</u> |
| Voltage - Maximum                  | 120V AC (RMS)/DC | Vertical Header 11- |                   |
|                                    |                  | Row, 10-Column      |                   |
| <b>Solder Process Data</b>         |                  |                     |                   |
| Lead-freeProcess Capability        | N/A              |                     |                   |
| <b>Material Info</b>               |                  |                     |                   |
| <b>Reference - Drawing Numbers</b> |                  |                     |                   |
| Product Specification              | PS-75710-999     |                     |                   |
| Sales Drawing                      | SD-75705-002     |                     |                   |

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