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**Part Number:** **0757051634**  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Right End Wall, 11 Rows, 6 Columns, 132 Circuits, Mating Pin Length 5.70mm

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-587 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75710-999-001 \(PDF\)](#)

**Agency Certification**

UL E29179

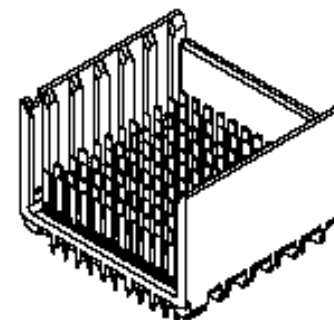
**General**

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 800756655963

**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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A             |
| Data Rate                     | 12.0 Gbps        |
| Real Signals (per 25mm)       | 148              |
| Shield Type                   | N/A              |
| Shielded                      | No               |
| Voltage - Maximum             | 120V AC (RMS)/DC |

**Solder Process Data**

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

**Material Info****Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-70873-587     |
| Product Specification   | PS-75710-999-001 |
| Sales Drawing           | SD-75705-001     |

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