

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0760359914](#)  
**Status:** **Active**  
**Overview:** [GbX I-Trac™ Backplane Connector System](#)  
**Description:** GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Endwall, 15 Rows, 9 Columns, 270 Circuits, Mating Pin Length 5.70mm

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-75710-999 \(PDF\)](#)  
[Packaging Specification PK-70873-586 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

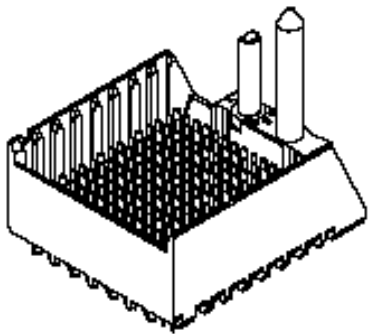
**General**

Product Family Backplane Connectors  
Series [76035](#)  
Application Backplane, Midplane, Orthogonal  
Component Type PCB Header  
Overview [GbX I-Trac™ Backplane Connector System](#)  
Product Name GbX I-Trac™  
UPC 883906487027

**Physical**

Circuits (Loaded) 270  
Circuits (maximum) 270  
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 13.657/g  
Number of Columns 9  
Number of Pairs 8, Open Pin Field  
Number of Rows 15  
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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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

Green Image  
Not Relevant

**Search Parts in this Series**

[76035](#) Series

**Mates With**

[76040](#) GbX I-Trac™ Right Angle Receptacle  
Module

**Use With**

[78237](#) 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 #**

|                                    |                  |                                       |
|------------------------------------|------------------|---------------------------------------|
| Current - Maximum per Contact      | 1.0A             | Press-In Tool for <u>0622018620</u>   |
| Data Rate                          | 12.0 Gbps        | Vertical Header 15-                   |
| Shield Type                        | N/A              | Row, 9-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> |                  |                                       |
| Packaging Specification            | PK-70873-586     |                                       |
| Product Specification              | PS-75710-999     |                                       |
| Sales Drawing                      | SD-76035-004     |                                       |

This document was generated on 06/09/2016

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION