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**Part Number:** [0760153603](#)  
**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, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 4.70mm, Lead-Free](#)

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-75710-999-001 \(PDF\)](#)  
[Packaging Specification PK-70873-802 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
UL E29179

**General**  
Product Family Backplane Connectors  
Series [76015](#)  
Application Backplane, Midplane, Orthogonal  
Component Type PCB Header  
Overview [GbX I-Trac™ Backplane Connector System](#)  
Product Name GbX I-Trac™  
UPC 822350872072

**Physical**  
Circuits (Loaded) 84  
Circuits (maximum) 84  
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 6.129/g  
Number of Columns 6  
Number of Pairs 4, Open Pin Field  
Number of Rows 7  
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 85°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per  
-ED/01/2017 (12  
January 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 Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**  
[76015](#) Series

**Mates With**  
[76020](#) GbX I-Trac™ Right Angle Receptacle Module

**Use With**  
[78227](#) GbX I-Trac™ Vertical Power Receptacle. [75234](#) Backplane Free Standing Guide Pin

|                                    |                  |
|------------------------------------|------------------|
| Current - Maximum per Contact      | 1.0A             |
| Data Rate                          | 12.0 Gbps        |
| Shield Type                        | N/A              |
| Shielded                           | No               |
| Voltage - Maximum                  | 120V AC (RMS)/DC |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | N/A              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Packaging Specification            | PK-70873-802     |
| Product Specification              | PS-75710-999-001 |
| Sales Drawing                      | SD-76015-002     |

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