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**Part Number:** **0760203006**  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** GbX I-Trac™ Right Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Left Guide 7 Row, 6 Columns, 84 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-607 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75710-999 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
Series [76020](#)  
Application Coplanar, Daughtercard  
Component Type PCB Receptacle  
Overview [GbX I-Trac™ Backplane Connector System](#)  
Product Name GbX I-Trac™  
UPC 822350885195

**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 12.506/g  
Number of Columns 6  
Number of Pairs 4, Open Pin Field  
Number of Rows 7  
Orientation Right Angle  
PC Tail Length 2.00mm  
PCB Locator Yes  
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 Yes  
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/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**

[76020](#) Series

**Mates With**

[76015](#) GbX I-Trac™ Vertical Header Module. [76011](#) GbX I-Trac™ Right Angle Header Module

**Use With**

[78234](#) GbX I-Trac™ Right Angle Power Header. [76153](#) Pirate Cannon Wide Guide Module

**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             |
| Data Rate                     | 12.0 Gbps        |
| Real Signals (per 25mm)       | 48               |
| 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-70873-607 |
| Product Specification   | PS-75710-999 |
| Sales Drawing           | SD-76020-002 |

|                  |                   |
|------------------|-------------------|
| Daughter Card    | <u>0622023000</u> |
| Signal Module    |                   |
| Removal Tool     |                   |
| Press-In Tool    | <u>0622018611</u> |
| for Right Angle  |                   |
| Receptacle and   |                   |
| Header 7-Row, 6- |                   |
| Column           |                   |

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