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Part Number: [76011-1103](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Right Angle Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 7 Rows, 10 Columns, 140 Circuits, Mating Pin Length 4.70mm, Lead-Free

Documents:

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

Agency Certification

UL E29179

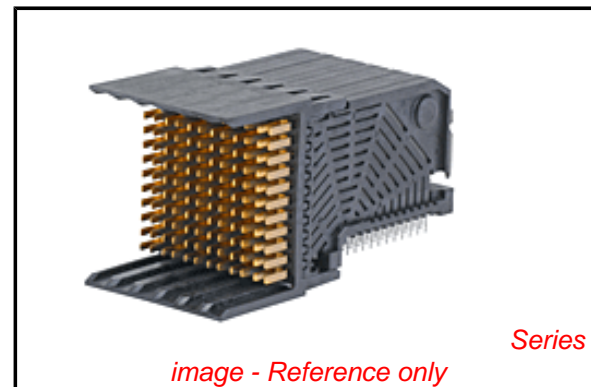
General

Product Family Backplane Connectors
 Series [76011](#)
 Application Coplanar, Daughtercard
 Component Type Right Angle Male
 Overview [GbX I-Trac™ Backplane Connector System](#)
 Product Name GbX I-Trac™
 UPC 883906035280

Physical

Circuits (Loaded) 140
 Circuits (maximum) 140
 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 28.172/g
 Number of Columns 10
 Number of Pairs 4, Open Pin Field
 Number of Rows 7
 Orientation Right Angle
 PC Tail Length 2.00mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 3.70mm
 Pitch - Termination Interface 1.20mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.762µm
 Polarized to PCB Yes
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating 85°C
 Termination Interface: Style Through Hole - Compliant Pin

Electrical



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[76011Series](#)

Mates With

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

Use With

[78230 GbX I-Trac™ Right Angle Power Receptacle](#)

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 # |
|--|----------------------------|
| Press-In Tool for Right Angle Receptacle and Header 7-Row, 10-Column | 0622018612 |

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A |
| Data Rate | 12.0 Gbps |
| Shielded | No |
| Voltage - Maximum | 120V AC (RMS)/DC |

| | |
|--|-------------------|
| Right Angle Male (RAM) Module Removal Tool | <u>0622023080</u> |
|--|-------------------|

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-75710-999 |
|-----------------------|--------------|

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