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**Part Number:** [0760117625](#)

**Status:** **Active**

**Overview:** [GbX I-Trac™ Backplane Connector System](#)

**Description:** GbX I-Trac™ Right Angle Header Module, 1.85mm by 3.70mm Pitch, Left Guided Coplanar, Right Closed, 7 Rows, 6 Columns, 84 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm, Lead-Free

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Packaging Specification PK-70873-588 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

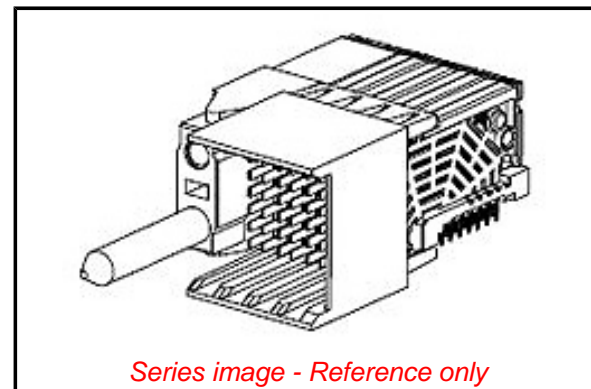
**General**

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 883906223175

**Physical**

Circuits (Loaded) 84  
Circuits (maximum) 84  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break Yes  
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 23.533/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 No  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Tray  
Pitch - Mating Interface 3.70mm  
Pitch - Termination Interface 1.20mm, 2.50mm  
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**



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**

[76011](#) Series

**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 #**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-588
Sales Drawing	SD-76011-002

Right Angle Male (RAM) Module	<u>0622023080</u>
Removal Tool	
Press-In Tool for Right Angle Receptacle and Header 7-Row, 6-Column	<u>0622018611</u>

This document was generated on 06/10/2016

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