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**Part Number:** [76040-1010](#)  
**Status:** **Active**  
**Overview:** [GbX I-Trac™ Backplane Connector System](#)  
**Description:** GbX I-Trac™ Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 15 Rows, 10 Columns, 300 Circuits

**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 [76040](#)  
 Application Coplanar, Daughtercard  
 Component Type PCB Receptacle  
 Overview [GbX I-Trac™ Backplane Connector System](#)  
 Product Name GbX I-Trac™  
 Style N/A  
 UPC 822350969376

**Physical**

Circuits (Loaded) 300  
 Circuits (maximum) 300  
 Color - Resin Black  
 Durability (mating cycles max) 200  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 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 39.518/g  
 Number of Columns 10  
 Number of Pairs 8, Open Pin Field  
 Number of Rows 15  
 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 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 Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +80°C  
 Termination Interface: Style Through Hole - Compliant Pin



Series

image - Reference only

**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](mailto: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**

[76040Series](#)

**Mates With**

[76035 GbX I-Trac™ Vertical Header Module](#)

**Use With**

[78239 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 #
Press-In Tool for Right Angle Receptacle 15-Row, 10-Column	<a href="#">0622018624</a>

**Electrical**

Current - Maximum per Contact	1A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	101
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-75710-999
Sales Drawing	SD-76040-001

Daughter Card	<u>0622023000</u>
Signal Module	
Removal Tool	

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