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**Part Number:** [76020-3004](#)  
**Status:** **Active**  
**Overview:** GbX I-Trac™ Backplane Connector System  
**Description:** 1.85mm by 3.70mm Pitch, GbX I-Trac™ Right Angle Receptacle Module, Left Guide 7 Row, 4 Columns, 56 Circuits, Lead-Free

**Documents:**

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

**Agency Certification**

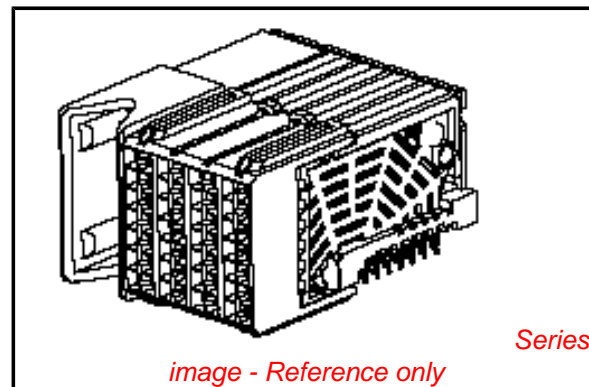
UL E29179

**General**

Product Family Backplane Connectors  
 Series [76020](#)  
 Application Coplanar, Daughtercard  
 Component Type PCB Receptacle  
 Overview [GbX I-Trac™ Backplane Connector System](#)  
 Product Name GbX I-Trac™  
 Style N/A  
 UPC 822350854368

**Physical**

Circuits (Loaded) 56  
 Circuits (maximum) 56  
 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 9.206/g  
 Number of Columns 4  
 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



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**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**

[76020Series](#)

**Mates With**

[76015 GbX I-Trac™ Vertical 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 #
Daughter Card	<a href="#">0622023000</a>
Signal Module	
Removal Tool	

**Electrical**

Current - Maximum per Contact	1A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	48
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-76020-002

Press-In Tool for Right Angle Receptacle and Header 7-Row, 4- Column	<u>0622018610</u>
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