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**Part Number:** **0760201010**  
**Status:** **Active**  
**Overview:** GbX I-Trac Backplane Connector System  
**Description:** GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Unguided, 7 Row, 10 Columns, 140 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-607-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75710-999-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [76020](#)  
 Application Coplanar, Daughtercard  
 Component Type PCB Receptacle  
 Data Rate 12.0 Gbps  
 Overview [GbX I-Trac Backplane Connector System](#)  
 Product Name GbX I-Trac  
 Taxonomy Backplane Connectors  
 UPC 822350809184

**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 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 15.520/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 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° to +80°C  
 Termination Interface: Style Through Hole - Compliant Pin



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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

**Electrical**

Current - Maximum per Contact	1.0A
Real Signals (per 25mm)	48
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-70873-607-001
Product Specification	PS-75710-999-001
Sales Drawing	SD-76020-001-001

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