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**Part Number:** **0757059603**  
**Status:** **Active**  
**Overview:** GbX I-Trac Backplane Connector System  
**Description:** GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Endwall, 11 Rows, 6 Columns, 132 Circuits, Mating Pin Length 4.70mm

**Documents:**

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

**Agency Certification**

UL E29179

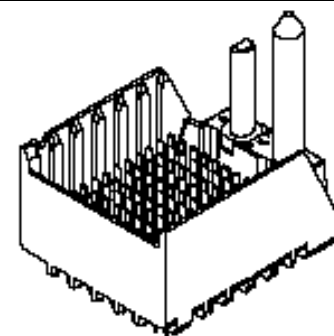
**General**

Product Family Backplane Connectors  
Series [75705](#)  
Application Backplane, Midplane, Orthogonal  
Component Type PCB Header  
Overview [GbX I-Trac Backplane Connector System](#)  
Product Name GbX I-Trac  
UPC 800756720067

**Physical**

Circuits (Loaded) 132  
Circuits (maximum) 132  
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 8.507/g  
Number of Columns 6  
Number of Pairs 6, Open Pin Field  
Number of Rows 11  
Orientation Vertical  
PC Tail Length 2.10mm  
PCB Locator No  
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 No  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -55° to +80°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 -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75705](#) Series

**Mates With**

[75710](#) GbX I-Trac Right Angle Receptacle Module

**Use With**

[78232](#) GbX I-Trac Vertical Power Receptacle. [75234](#) Backplane Free Standing Guide Pin

**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 #**

Backplane Insertion [621005110](#)

Tool for Signal

Contact Insertion

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	148
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

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

Product Specification	PS-75710-999-001
Sales Drawing	SD-75705-004

Press-In Tool for <a href="#">622018602</a> Vertical Header 11- Row, 6-Column
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This document was generated on 08/25/2020

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