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**Part Number:** [0757055603](#)  
**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 Open, 11 Rows, 6 Columns, 132 Circuits, Mating Pin Length 4.70mm

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-75710-999-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-587 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">75705</a>
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	<a href="#">GbX I-Trac Backplane Connector System</a>
Product Name	GbX I-Trac
UPC	822350290395

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

Packaging Specification	PK-70873-587
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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