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Part Number: [0757055824](#)
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, 8 Columns, 176 Circuits, Mating Pin Length 5.70mm, Key Orientation B

Documents:

Drawing (PDF)	Packaging Specification PK-70873-587 (PDF)
Product Specification PS-75710-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

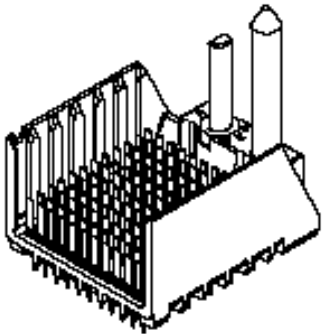
Product Family	Backplane Connectors
Series	75705
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	884982705029

Physical

Circuits (Loaded)	176
Circuits (maximum)	176
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	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.645/g
Number of Columns	8
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

Current - Maximum per Contact	1.0A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

RoHS Phthalates

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	

Data Rate	12.0 Gbps	Press-In Tool for <u>622018617</u>
Real Signals (per 25mm)	148	Vertical Header 11-
Shield Type	N/A	Row, 8-Column
Shielded	No	
Voltage - Maximum	120V AC (RMS)/DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-70873-587	
Product Specification	PS-75710-999-001	
Sales Drawing	SD-75705-004	

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