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Part Number: [0757055103](#)
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, 10 Columns, 200 Circuits, Mating Pin Length 4.70mm

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

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 822350732291

Physical

Circuits (Loaded) 220
Circuits (maximum) 220
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 10.643/g
Number of Columns 10
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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>622018603</u>
Real Signals (per 25mm)	148	Vertical Header 11-
Shield Type	N/A	Row, 10-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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