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Part Number: **0757051523**
Status: **Active**
Overview: GbX I-Trac Backplane Connector System
Description: GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Dual End Wall, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 4.70mm

Documents:

3D Model	Product Specification PS-75710-999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-587 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

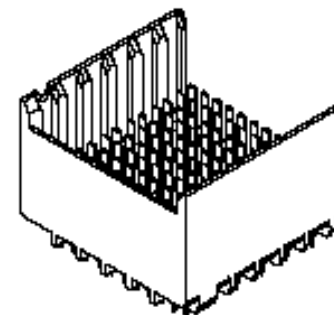
General

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	800756720029

Physical

Circuits (Loaded)	110
Circuits (maximum)	110
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	4.336/g
Number of Columns	5
Number of Pairs	6, Open Pin Field
Number of Rows	11
Orientation	Vertical
PC Tail Length	2.10mm
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	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)9139-DC (19
Jan 2021)

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**

Packaging Specification	PK-70873-587
Product Specification	PS-75710-999-001
Sales Drawing	SD-75705-001

Press-In Tool	<u>622018601</u>
Vertical Header 11- Row, 5-Column	

This document was generated on 02/27/2021

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