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Part Number: [0757051813](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Left End Wall, 11 Rows, 8 Columns, 176 Circuits, Mating Pin Length 5.70mm, Orientation Key A

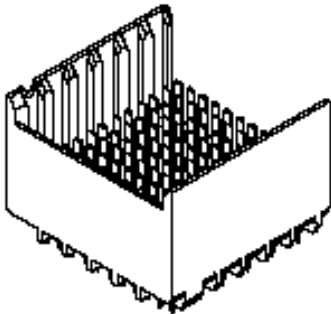
Documents:
[3D Model](#) [Product Specification PS-75710-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 822350968102

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 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 5.970/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 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°C 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 **China RoHS**
Compliant
REACH SVHC
Contains SVHC(2014 December 17): No
Halogen-Free
Status
Low-Halogen
Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant

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 #
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Data Rate	12.0 Gbps	Backplane Insertion	<u>0621005110</u>
Real Signals (per 25mm)	148	Tool for Signal	
Shield Type	N/A	Contact Insertion	
Shielded	No	Press-In Tool for	<u>0622018617</u>
Voltage - Maximum	120V AC (RMS)/DC	Vertical Header 11-	
		Row, 8-Column	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Product Specification	PS-75710-999		
Sales Drawing	SD-75705-001		

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