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Part Number: [0760351823](#)
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 Walls, 15 Rows, 8 Columns, 240 Circuits, Mating Pin Length 4.70mm

Documents:

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

Agency Certification

UL E29179

General

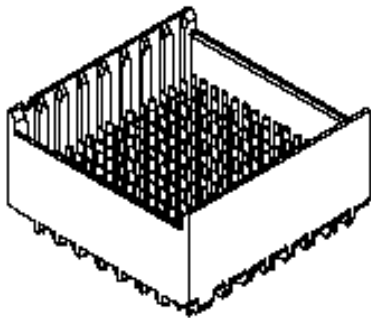
Product Family Backplane Connectors
Series [76035](#)
Application Backplane, Midplane, Orthogonal
Component Type PCB Header
Overview [GbX I-Trac™ Backplane Connector System](#)
Product Name GbX I-Trac™
UPC 883906046200

Physical

Circuits (Loaded) 240
Circuits (maximum) 240
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 8.126/g
Number of Columns 8
Number of Pairs 8, Open Pin Field
Number of Rows 15
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

[76035](#) Series

Mates With

[76040](#) GbX I-Trac™ Right Angle Receptacle
Module

Use With

[78237](#) 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 #

Data Rate	12.0 Gbps	Backplane Insertion	<u>0621005110</u>
Shield Type	N/A	Tool for Signal	Contact Insertion
Shielded	No	Press-In Tool for	<u>0622018619</u>
Voltage - Maximum	120V AC (RMS)/DC	Vertical Header 15-	Row, 8-Column
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Product Specification	PS-75710-999		
Sales Drawing	SD-76035-001		

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