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Part Number: [76035-0825](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Dual End Walls, 15 Rows, 8 Columns, 240 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm
Replacement Part Number: 760351825

Documents:

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

Agency Certification

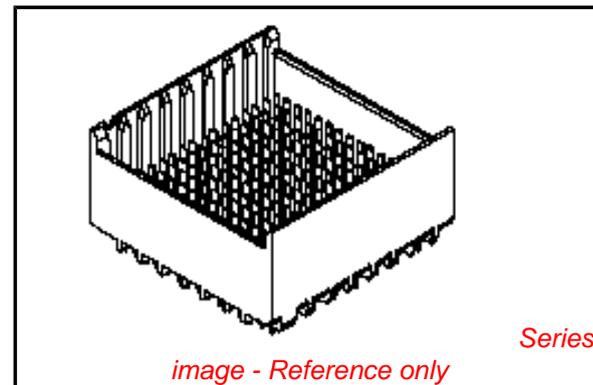
UL E29179

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™
 Replacement Part Number 760351825
 Style N/A
 UPC 822350893022

Physical

Circuits (Loaded) 240
 Circuits (maximum) 240
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break Yes
 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-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 8.366/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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[76035Series](#)

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 #
Backplane Header	0621009610
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	

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 1A
Data Rate 12.0 Gbps
Real Signals (per 25mm) 202
Shield Type N/A
Shielded No
Voltage - Maximum 120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-75710-999
Sales Drawing SD-76035-001

Backplane Insertion [0621005110](#)
Tool for Signal
Contact Insertion
Press-In Tool for [0622018619](#)
Vertical Header 15-
Row, 8-Column

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