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Part Number: [75705-1603](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Open Ends, 11 Rows, 6 Columns, 132 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 [75705](#)
 Application Backplane, Midplane, Orthogonal
 Component Type PCB Header
 Overview [GbX I-Trac™ Backplane Connector System](#)
 Product Name GbX I-Trac™
 Style N/A
 UPC 822350290357

Physical

Circuits (Loaded) 132
 Circuits (maximum) 132
 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 4.050/g
 Number of Columns 6
 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 Yes
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +80°C
 Termination Interface: Style Through Hole - Compliant Pin

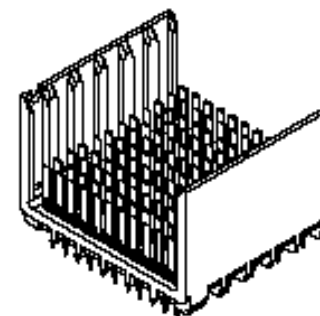


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Series

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

[75705Series](#)

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 Tool for Signal Contact Insertion | 0621005110 |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1A |
| Data Rate | 12.0 Gbps |
| Real Signals (per 25mm) | 148 |
| 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-75705-001 |

| |
|---|
| Press-In Tool for <u>0622018602</u> Vertical Header 11- Row, 6-Column |
|---|

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