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**Part Number:** **0760151424**

**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, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 5.70mm

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-75710-999 \(PDF\)](#)

[Packaging Specification PK-70873-802 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

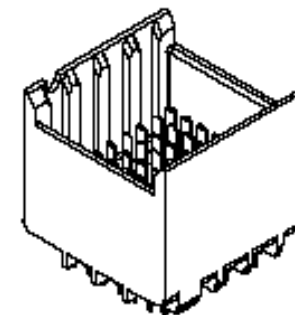
**General**

Product Family Backplane Connectors  
 Series 76015  
 Application Backplane, Midplane, Orthogonal  
 Component Type PCB Header  
 Overview [GbX I-Trac™ Backplane Connector System](#)  
 Product Name GbX I-Trac™  
 UPC 800756955179

**Physical**

Circuits (Loaded) 56  
 Circuits (maximum) 56  
 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 2.778/g  
 Number of Columns 4  
 Number of Pairs 4, Open Pin Field  
 Number of Rows 7  
 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 85°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  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

76015 Series

**Mates With**

76020 GbX I-Trac™ Right Angle Receptacle Module

**Use With**

78227 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 #**

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-70873-802
Product Specification	PS-75710-999
Sales Drawing	SD-76015-001

Press-In Tool for Vertical Header 7-Row, 4-Column Backplane Insertion Tool for Signal Contact Insertion	<u>0622018607</u> <u>0621005110</u>
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