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**Part Number:** [0760155403](#)  
**Status:** **Active**  
**Overview:** GbX I-Trac Backplane Connector System  
**Description:** GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 4.70mm, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-802-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-75710-999-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family Backplane Connectors  
 Series [76015](#)  
 Application Backplane, Midplane, Orthogonal  
 Component Type PCB Header  
 Data Rate 12.0 Gbps  
 Overview [GbX I-Trac Backplane Connector System](#)  
 Product Name GbX I-Trac  
 Taxonomy Backplane Connectors  
 UPC 822350963367

**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 Yes  
 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 5.157/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**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

**Electrical**

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

**Solder Process Data**

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

Packaging Specification	PK-70873-802-001
Product Specification	PS-75710-999-001
Sales Drawing	SD-76015-004-001

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