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Part Number: **0760153405**
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm, Lead-Free

Documents:

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

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 800756880235

Physical

Circuits (Loaded) 56
 Circuits (maximum) 56
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break Yes
 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 5.213/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
 -ED/79/2015 (17
 December 2015)

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

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 #

Electrical

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-76015-002

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

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