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Part Number: [0760153402](#)

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, Mating Pin Length 3.90mm, Lead-Free](#)

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

[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	822350957731

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	5.101/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

Current - Maximum per Contact 1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15 June 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 #

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**

Product Specification	PS-75710-999
Sales Drawing	SD-76015-002

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX® are trademarks or registered trademarks of Amphenol TCS.

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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