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Part Number: [0760155105](#)
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, 10 Columns, 140 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm, Lead-Free

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 [76015](#)
Application Backplane, Midplane, Orthogonal
Component Type PCB Header
Overview [GbX I-Trac™ Backplane Connector System](#)
Product Name GbX I-Trac™
UPC 800756880259

Physical
Circuits (Loaded) 140
Circuits (maximum) 140
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 8.263/g
Number of Columns 10
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 **China RoHS**
Compliant
REACH SVHC
Contains SVHC(2014
December 17): No
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 Green Image
ELV 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	Backplane Insertion	0621005110
Data Rate	12.0 Gbps	Tool for Signal	
Shield Type	N/A	Contact Insertion	
Shielded	No	Press-In Tool for	0622018609
Voltage - Maximum	120V AC (RMS)/DC	Vertical Header 7-	
		Row, 10-Column	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Product Specification	PS-75710-999		
Sales Drawing	SD-76015-004		

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