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Part Number: [0760151602](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 3.90mm

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#)
[Packaging Specification PK-70873-802-001 \(PDF\)](#)
[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 822350957496

Physical
Circuits (Loaded) 84
Circuits (maximum) 84
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 2.862/g
Number of Columns 6
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 Yes
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
Not Contained Per -
D(2020)9139-DC (19
Jan 2021)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)
China ROHS Green Image
ELV Not Relevant
RoHS Phthalates 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

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 #
Backplane Insertion	621005110
Tool for Signal	
Contact Insertion	

Current - Maximum per Contact	1.0A	Press-In Tool for	<u>622018608</u>
Data Rate	12.0 Gbps	Vertical Header 7-	
Shield Type	N/A	Row, 6-Column	
Shielded	No		
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-802-001		
Product Specification	PS-75710-999-001		
Sales Drawing	SD-76015-001		

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