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Part Number: 0760353103
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, 15 Rows, 10 Columns, 300 Circuits, Mating Pin Length 4.70mm

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#)
[Packaging Specification PK-70873-586 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series 76035
Application Backplane, Midplane, Orthogonal
Component Type PCB Header
Overview GbX I-Trac Backplane Connector System
Product Name GbX I-Trac
UPC 822350968706

Physical
Circuits (Loaded) 300
Circuits (maximum) 300
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 12.884/g
Number of Columns 10
Number of Pairs 8, Open Pin Field
Number of Rows 15
Orientation Vertical
PC Tail Length 2.10mm
PCB Locator No
PCB Retention Yes
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 -55° to +80°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 -
ED/71/2019 (16 July
2019)
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
76035 Series

Mates With
76040 GbX I-Trac Right Angle Receptacle
Module

Use With
78237 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>622018621</u>
Data Rate	12.0 Gbps	Vertical Header 15-
Shield Type	N/A	Row, 10-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-70873-586	
Product Specification	PS-75710-999-001	
Sales Drawing	SD-76035-002	

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