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Part Number: 0760357903

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 Endwall, 15 Rows, 9 Columns, 270 Circuits, Mating Pin Length 4.70mm

Documents:

[3D Model](#) [Packaging Specification PK-70873-586 \(PDF\)](#)

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-75710-999-001 \(PDF\)](#)

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 822350968645

Physical

Circuits (Loaded) 270

Circuits (maximum) 270

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 12.572/g

Number of Columns 9

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

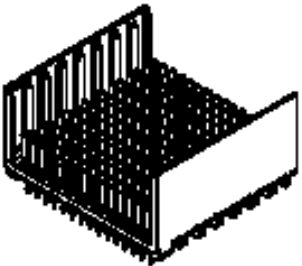
Stackable No

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

Compliant

China RoHS

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>622018620</u>
Data Rate	12.0 Gbps	Vertical Header 15-
Shield Type	N/A	Row, 9-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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