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Part Number:

0760357803

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, 8 Columns, 240 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

822350968560

Physical

Circuits (Loaded)

240

Circuits (maximum)

240

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

11.697/g

Number of Columns

8

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

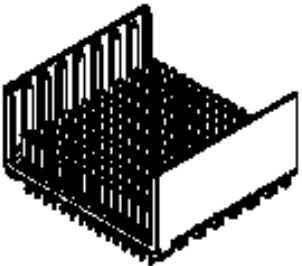
Temperature Range - Operating

-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>622018619</u>
Data Rate	12.0 Gbps	Vertical Header 15-
Shield Type	N/A	Row, 8-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	

This document was generated on 12/17/2019

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