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Part Number:

0760151605

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, Staggered Mating Pin Length 4.70mm & 5.70mm, Lead-Free

Documents:

3D Model

Packaging Specification PK-70873-802-001 (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

76015

Application

Backplane, Midplane, Orthogonal

Component Type

PCB Header

Overview

GbX I-Trac Backplane Connector System

Product Name

GbX I-Trac

UPC

883906020552

Physical

Circuits (Loaded)

84

Circuits (maximum)

84

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

Yes

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

3.030/g

Number of Columns

6

Number of Pairs

4, Open Pin Field

Number of Rows

7

Orientation

Vertical

PC Tail Length

2.05mm

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



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

Electrical		Press-In Tool for <u>622018608</u>
Current - Maximum per Contact	1.0A	Vertical Header 7-
Data Rate	12.0 Gbps	Row, 6-Column
Shield Type	N/A	
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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