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Part Number:

0760151603

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 4.70mm

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75710-999-001 (PDF)

Packaging Specification PK-70873-802 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

UPC

Backplane Connectors

76015

Backplane, Midplane, Orthogonal

PCB Header

GbX I-Trac Backplane Connector System

GbX I-Trac

822350963398

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

84

84

Black

200

No

94V-0

No

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

2.946/g

6

4, Open Pin Field

7

Vertical

2.10mm

No

None

1.60mm

Tray

1.85mm, 3.70mm

1.00mm, 2.70mm

0.762µm

0.762µm

No

Yes

Yes

85°C

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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 Tool for Signal Contact Insertion	621005110

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		
Product Specification	PS-75710-999-001		
Sales Drawing	SD-76015-001		

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