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Part Number:

0760151613

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Left End Wall, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 4.70mm

Documents:

3D Model

Packaging Specification PK-70873-802 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75710-999 (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

822350963404

Physical

Circuits (Loaded)

84

Circuits (maximum)

84

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

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

3.362/g

Number of Columns

6

Number of Pairs

4, Open Pin Field

Number of Rows

7

Orientation

Vertical

PC Tail Length

2.10mm

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

No

Surface Mount Compatible (SMC)

Yes

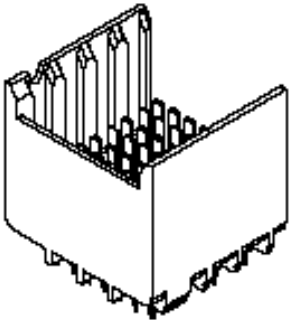
Temperature Range - Operating

85°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/79/2015 (17  
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

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 #

|                                    |                  |                     |                   |
|------------------------------------|------------------|---------------------|-------------------|
| Current - Maximum per Contact      | 1.0A             | Press-In Tool for   | <u>0622018608</u> |
| Data Rate                          | 12.0 Gbps        | Vertical Header 7-  |                   |
| Shield Type                        | N/A              | Row, 6-Column       |                   |
| Shielded                           | No               | Backplane Insertion | <u>0621005110</u> |
| Voltage - Maximum                  | 120V AC (RMS)/DC | Tool for Signal     |                   |
|                                    |                  | Contact Insertion   |                   |
| <b>Solder Process Data</b>         |                  |                     |                   |
| Lead-freeProcess Capability        | N/A              |                     |                   |
| <b>Material Info</b>               |                  |                     |                   |
| <b>Reference - Drawing Numbers</b> |                  |                     |                   |
| Packaging Specification            | PK-70873-802     |                     |                   |
| Product Specification              | PS-75710-999     |                     |                   |
| Sales Drawing                      | SD-76015-001     |                     |                   |

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