

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0760153603

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 Open, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 4.70mm, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75710-999 (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™

822350872072

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

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

6.129/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

No

Yes

85°C

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

Green Image

ELV

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-76015-002     |                     |                   |

This document was generated on 06/10/2016

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION