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Part Number:

0760151102

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, 10 Columns, 140 Circuits, Mating Pin Length 3.90mm

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

822350957717

Physical

Circuits (Loaded)

140

Circuits (maximum)

140

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

4.840/g

Number of Columns

10

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

Yes

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

China RoHS

Compliant

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

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	Backplane Insertion	<u>0621005110</u>
Data Rate	12.0 Gbps	Tool for Signal	
Shield Type	N/A	Contact Insertion	
Shielded	No	Press-In Tool for	<u>0622018609</u>
Voltage - Maximum	120V AC (RMS)/DC	Vertical Header 7-	
		Row, 10-Column	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-802		
Product Specification	PS-75710-999		
Sales Drawing	SD-76015-001		

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