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Part Number:

0760157105

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 Endwall, 7 Rows, 10 Columns, 140 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm

Documents:

Drawing (PDF)

Product Specification PS-75710-999 (PDF)

RoHS Certificate of Compliance (PDF)

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™

884982587526

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

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

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

140

140

Black

200

No

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

8.665/g

10

4, Open Pin Field

7

Vertical

2.10mm

No

None

1.60mm

Tray

1.85mm, 3.70mm

1.00mm, 2.70mm

0.762µm

No

Yes

85°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Shield Type

Shielded

Voltage - Maximum

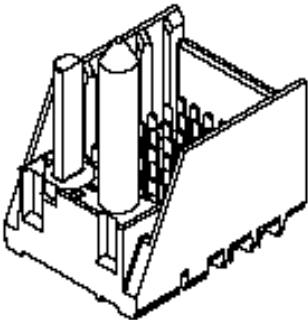
1.0A

12.0 Gbps

N/A

No

120V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

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 #

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Product SpecificationPS-75710-999
Sales DrawingSD-76015-002

Backplane Insertion 0621005110
Tool for Signal
Contact Insertion
Press-In Tool for 0622018609
Vertical Header 7-
Row, 10-Column

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