

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0760151102](#)

Status: **Active**

Overview:

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

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [76015](#)
 Application Backplane, Midplane, Orthogonal
 Component Type PCB Header
 Data Rate 12.0 Gbps
 Overview gbx_itrac_backplane_connector_system
 Product Name GbX I-Trac
 Taxonomy Backplane Connectors
 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

Current - Maximum per Contact 1.0A
 Shield Type N/A
 Shielded No
 Voltage - Maximum 120V AC (RMS)/DC

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

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

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-70873-802-001

Product Specification

PS-75710-999-001

Sales Drawing

SD-76015-001-001

This document was generated on 08/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION