



Part Number : [760153403](#)

Product Description : GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 4.70mm, Lead-Free

Series Number : 76015

Status : Active

Product Category : Backplane Connectors

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## Documents & Resources

### Drawings

[Drawing 760153403\\_sd.pdf](#)

[Packaging Design Drawing PK-70873-802-001.pdf](#)

### 3D Models and Design Files

[3D Model 760153403\\_stp.zip](#)

### Specifications


[Product Specification PS-45499-002-001.pdf](#)

[Product Specification PS-75710-999-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Backplane Connectors
Series	76015
Description	GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 4.70mm, Lead-Free
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Product Family	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	822350856423

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

### Physical

Circuits (Loaded)	56
Circuits (maximum)	56
Color - Resin	Black
Durability (mating cycles max)	200

First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
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	5.157/g
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	85°C
Termination Interface Style	Through Hole - Compliant Pin

#### Solder Process Data

Lead-Free Process Capability	N/A
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#### Mates With / Use With

##### Mates with Part(s)

Description	Part Number
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GbX I-Trac Right-Angle Receptacle Modules	<u>76020</u>
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**Use with Part(s)**

Description	Part Number
GbX I-Trac Vertical Receptacles	<u>78227</u>
GbX Backplane Guide Pins	<u>75234</u>

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