

Part Number : 757053103

Series Number : 75705

Product Category : Backplane Connectors

Product Description : GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 11 Rows, 10 Columns, 220 Circuits, Mating Pin Length 4.70mm

Status : Active

## Documents & Resources

### Drawings

Drawing 757053103\_sd.pdf

Packaging Design Drawing PK-70873-587-001.pdf

### 3D Models and Design Files

3D Model 757053103\_stp.zip

### Specifications

Product Specification PS-45499-002-001.pdf

Product Specification PS-75710-999-001.pdf

## 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	75705
Description	GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 11 Rows, 10 Columns, 220 Circuits, Mating Pin Length 4.70mm
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Product Family	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	822350732215

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	148
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

#### Physical

Circuits (Loaded)	220
Circuits (maximum)	220
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	10.643/g
Number of Columns	10
Number of Pairs	6, Open Pin Field
Number of Rows	11
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	Yes
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	-55° to +80°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 Daughtercard Modules	<u>75710</u>
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## Use with Part(s)

Description	Part Number
GbX I-Trac Vertical Receptacles	<u>78232</u>
GbX Backplane Guide Pins	<u>75234</u>

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