



Part Number : [757053824](#)

Product Description : GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 11 Rows, 8 Columns, 176 Circuits, Key Orientation B, Mating Pin Length 5.70mm

Series Number : 75705

Status : Active

Product Category : Backplane Connectors

Documents & Resources

Drawings

[Drawing 757053824_sd.pdf](#)

[Packaging Design Drawing PK-70873-587-001.pdf](#)


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)

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, 8 Columns, 176 Circuits, Key Orientation B, Mating Pin Length 5.70mm
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Product Family	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	884982253582

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)	176
Circuits (maximum)	176
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	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	10.645/g
Number of Columns	8
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
GbX I-Trac Right-Angle Daughtercard Modules	<u>75710</u>

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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