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Part Number: 0757053103

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 Open,

11 Rows, 10 Columns, 220 Circuits, Mating Pin Length 4.70mm

**Documents:** 

<u>3D Model</u> <u>Product Specification PS-75710-999-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>Packaging Specification PK-70873-587-001 (PDF)</u>

3D Model (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

UL E29179

General

Product Family Backplane Connectors

Series <u>75705</u>

Application Backplane, Midplane, Orthogonal

Component Type PCB Header

Overview GbX I-Trac Backplane Connector System

Product Name GbX I-Trac UPC 822350732215

**Physical** 

Circuits (Loaded) 220
Circuits (maximum) 220
Color - Resin Black

Durability (mating cycles max)

First Mate / Last Break

No
Flammability

Guide to Mating Part

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
PC Tail Length 2.10mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray

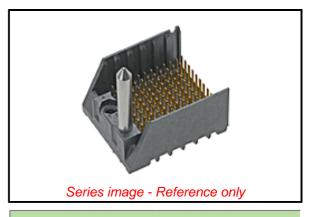
Pitch - Mating Interface 1.85mm, 3.70mm Pitch - Termination Interface 1.00mm, 2.70mm

Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -55° to +80°C

Termination Interface: Style Through Hole - Compliant Pin

**Electrical** 



**EU ELV** 

**Not Relevant** 

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -D(2021)4569-DC (8 July 2021)

Halogen-Free

<u>Status</u>

Low-Halogen

For more information, please visit Contact US

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

75705 Series

**Mates With** 

75710 GbX I-Trac Right Angle Receptacle

Module

**Use With** 

78232 GbX I-Trac Vertical Power

Receptacle. <u>75234</u> Backplane Free Standing

Guide Pin

Current - Maximum per Contact

Data Rate

1.0A

12.0 Gbps

Real Signals (per 25mm)

148

Shield Type N/A
Shielded No

Voltage - Maximum 120V AC (RMS)/DC

**Solder Process Data** 

Lead-freeProcess Capability N/A

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification PK-70873-587-001
Product Specification PS-75710-999-001
Sales Drawing SD-75705-002-001

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