

This document was generated on 08/24/2020

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Part Number: 0757055603

Status: Active

Overview: GbX I-Trac Backplane Connector System

Description: GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Open,

11 Rows, 6 Columns, 132 Circuits, Mating Pin Length 4.70mm

Documents:

3D ModelProduct Specification PS-75710-999-001 (PDF)Drawing (PDF)Packaging Specification PK-70873-587 (PDF)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 822350290395

Physical

Circuits (Loaded) 132
Circuits (maximum) 132
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 941/-0

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 7.911/g
Number of Columns 6

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

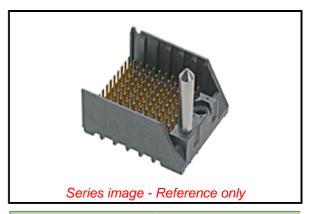
Pitch - Mating Interface 1.85mm, 3.70mm Pitch - Termination Interface 1.00mm, 2.70mm

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(2020)4578-DC (25

June 2020)

<u>Halogen-Free</u>

<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

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description Product #

Backplane Insertion 621005110

Tool for Signal Contact Insertion Current - Maximum per Contact 1.0A
Data Rate 12.0 Gbps
Real Signals (per 25mm)

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
Product Specification PS-75710-999-001
Sales Drawing SD-75705-004

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Press-In Tool for 622018602 Vertical Header 11-

Vertical Header 11 Row, 6-Column

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