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Part Number: 0760151404
Status: Active
Overview: GbX I-Trac Backplane Connector System
Description: GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 5.70mm



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-75710-999-001 (PDF)
Packaging Specification PK-70873-802 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	76015
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	822350816946

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	No
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	2.046/g
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	None
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	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	85°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)

Halogen-Free Status
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
76015 Series

Mates With
76020 GbX I-Trac Right Angle Receptacle Module

Use With
78227 GbX I-Trac Vertical Power Receptacle. 75234 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 Tool for Signal Contact Insertion	621005110

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

Press-In Tool for Vertical Header 7-Row, 4-Column	622018607

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-802
Product Specification	PS-75710-999-001
Sales Drawing	SD-76015-001

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