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Part Number: [0759101503](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: GbX I-Trac Right-Angle Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 4.70mm

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-585 \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

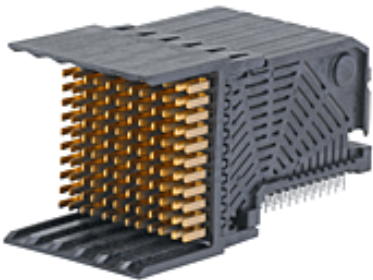
Product Family Backplane Connectors
Series [75910](#)
Application Coplanar, Daughtercard
Component Type Right Angle Male
Overview [GbX I-Trac Backplane Connector System](#)
Product Name GbX I-Trac
UPC 883906860790

Physical

Circuits (Loaded) 110
Circuits (maximum) 110
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 15.631/g
Number of Columns 5
Number of Pairs 6, Open Pin Field
Number of Rows 11
Orientation Right Angle
PC Tail Length 2.00mm
PCB Locator Yes
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 Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55° to +80°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 1.0A
Data Rate 12.0 Gbps



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

[75910](#) Series

Mates With

[75710](#) GbX I-Trac Right Angle Receptacle Module

Use With

[78235](#) GbX I-Trac Right-Angle Power Receptacle

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 #

Press-In Tool
for Right-Angle
Receptacle and
Header 11-Row, 5-
Column

[622018604](#)

Shield Type	N/A	Right-Angle Male	<u>622023080</u>
Shielded	No	(RAM) Module	
Voltage - Maximum	120V AC (RMS)/DC	Removal Tool	
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-585		
Product Specification	PS-75710-999-001		
Sales Drawing	SD-75910-001		

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