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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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

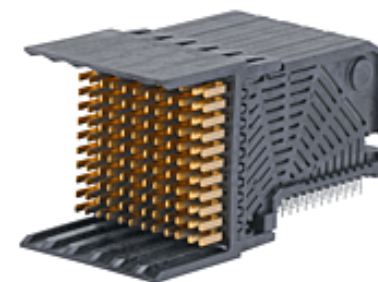
Product Family Backplane Connectors
 Series 75910
 Application Coplanar, Daughtercard
 Component Type Right Angle Male
 Overview GbX I-Trac™ Backplane Connector System
 Product Name GbX I-Trac™
 UPC 883906860790

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°C 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/79/2015 (17
 December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

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

Press-In Tool
 for Right Angle

Product #

0622018604

Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-585
Product Specification	PS-75710-999
Sales Drawing	SD-75910-001

Receptacle and Header 11-Row, 5- Column Right Angle Male (RAM) Module Removal Tool	<u>0622023080</u>
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