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**Part Number:** 0757101005

**Status:** Active

**Overview:** GbX I-Trac Backplane Connector System

**Description:** GbX I-Trac Right-Angle Daughtercard Module, 1.85mm by 3.70mm Pitch, Unguided, 11 Rows, 5 Columns, 110 Circuits

Documents:

|                                |                                                              |
|--------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-75710-999-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-70873-609 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

Agency Certification

UL E29179

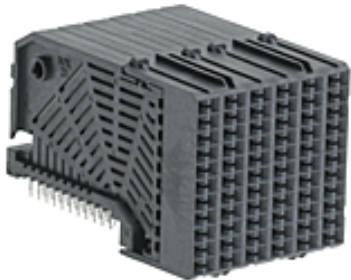
General

|                |                                       |
|----------------|---------------------------------------|
| Product Family | Backplane Connectors                  |
| Series         | 75710                                 |
| Application    | Coplanar, Daughtercard                |
| Component Type | PCB Receptacle                        |
| Overview       | GbX I-Trac Backplane Connector System |
| Product Name   | GbX I-Trac                            |
| UPC            | 822350731379                          |

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                     | 13.510/g                       |
| Number of Columns              | 5                              |
| Number of Pairs                | 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               | No                             |
| Stackable                      | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55° to +80°C                  |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

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

75710 Series

Mates With

75705 GbX I-Trac Vertical Header Module.  
75910 GbX I-Trac Right Angle Header  
Module

Use With

78234 GbX I-Trac Right Angle Power  
Header. 76153 Pirate Cannon Wide Guide  
Module

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

622018604

|                                    |                  |                                                                                            |
|------------------------------------|------------------|--------------------------------------------------------------------------------------------|
| Current - Maximum per Contact      | 1.0A             | Header 11-Row, 5-Column<br>Daughter Card <u>622023000</u><br>Signal Module<br>Removal Tool |
| Data Rate                          | 12.0 Gbps        |                                                                                            |
| Shield Type                        | N/A              |                                                                                            |
| Shielded                           | No               |                                                                                            |
| Voltage - Maximum                  | 120V AC (RMS)/DC |                                                                                            |
| <b>Solder Process Data</b>         |                  |                                                                                            |
| Lead-freeProcess Capability        | N/A              |                                                                                            |
| <b>Material Info</b>               |                  |                                                                                            |
| <b>Reference - Drawing Numbers</b> |                  |                                                                                            |
| Packaging Specification            | PK-70873-609     |                                                                                            |
| Product Specification              | PS-75710-999-001 |                                                                                            |
| Sales Drawing                      | SD-75710-001     |                                                                                            |

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