

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0757101008**  
**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, 8 Columns, 176 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification TS-75710-998-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-70873-609 (PDF)</a>   |
| <a href="#">Product Specification PS-75710-999-001 (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       | <a href="#">GbX I-Trac™ Backplane Connector System</a> |
| Product Name   | GbX I-Trac™  |
| UPC            | 822350838078   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 176                            |
| Circuits (maximum)             | 176                            |
| 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                     | 21.828/g                       |
| Number of Columns              | 8                              |
| 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°C to +80°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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](#)

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | PK-70873-609                       |
| Product Specification   | PS-75710-999-001, TS-75710-998-001 |
| Sales Drawing           | SD-75710-001                       |

This document was generated on 03/03/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**