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**Part Number:** **0757051523**

**Status:** **Active**

**Overview:**

**Description:** 1.85mm by 3.70mm (.073" by .146") Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Dual End Wall, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 4.70mm (.185")

**Documents:**

[3D Model](#)

[Packaging Specification \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-75710-999 \(PDF\)](#)

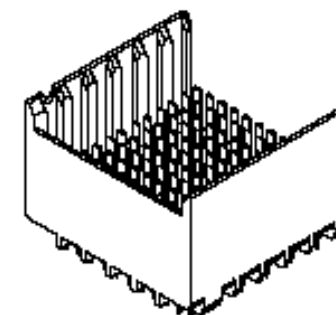
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Backplane Connectors
Series	<u>75705</u>
Application	Backplane
Application	Midplane
Application	Orthogonal
Application Tooling Documents	<a href="http://www.molex.com/pdm_docs/ats/ATS-622018699.pdf">Tooling Manual</a>
Component Type	PCB Header
More Detailed Tech Information	<a href="mailto:I-Trac@molex.com">I-Trac@molex.com</a>
Overview	GbX I-Trac™; Backplane Connector System
Product Name	GbX I-Trac™
Style	N/A

**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
Number of Columns	5
Number of Pairs	6
Number of Pairs	Open Pin Field
Number of Rows	11
Orientation	Vertical
PC Tail Length (in)	0.083 In
PC Tail Length (mm)	2.10 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.073 In
Pitch - Mating Interface (in)	0.146 In
Pitch - Mating Interface (mm)	1.85 mm
Pitch - Mating Interface (mm)	3.70 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (in)	0.106 In



Series image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free**  
**Status**

**China RoHS**



**Not Reviewed**

**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.

**Search Parts in this Series**

75705 Series

**Mates With**

75710 GbX I-Trac™ Right Angle Receptacle Module

**Use With**

78232 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 #
Press-In Tool, I-Trac™ Vertical Header 11 Row, 5 Column	<u>0622018601</u>
Backplane Insertion Tool, GbX I-Trac™	<u>0621005110</u>

Pitch - Term. Interface (mm)	1.00 mm
Pitch - Term. Interface (mm)	2.70 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	30.4
Plating min: Termination (µm)	0.76
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

Signal Contact Insertion
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**Electrical**

Current - Maximum	1A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	148
Shield Type	N/A
Shielded	No
UL	E29179
Voltage - Maximum	120V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-75710-999
Sales Drawing	SD-75705-001

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