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Part Number: [75705-1525](#)

Status: **Active**

Overview: GbX I-Trac™ Backplane Connector System

Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Dual End Walls, 11 Rows, 10 Columns, 220 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	75705
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
Style	N/A
UPC	822350898423

Physical

Circuits (Loaded)	110
Circuits (maximum)	110
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
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	4.446/g
Number of Columns	10
Number of Pairs	6, Open Pin Field
Number of Rows	11
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	None
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	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

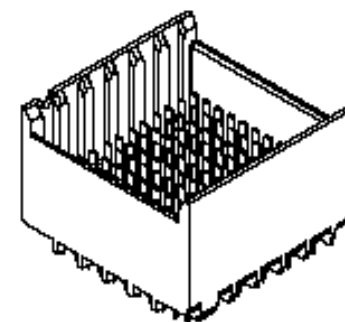


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[75705Series](#)

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 #
Backplane Insertion	0621005110
Tool for Signal Contact Insertion	

Electrical

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

Material Info**Reference - Drawing Numbers**

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

Press-In Tool	<u>0622018601</u>
Vertical Header 11- Row, 5-Column	

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