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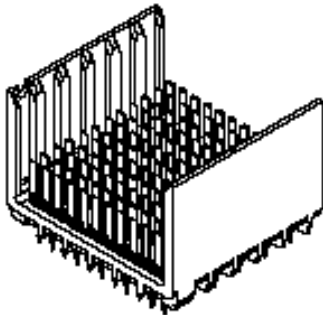
Part Number: [0757051503](#)
Status: **Active**
Overview:
Description: 1.85mm by 3.70mm (.073" by .146") Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Open Ends, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 4.70mm (.185")

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 [75705](#)
Application Backplane
Application Midplane
Application Orthogonal
Application Tooling Documents Tooling Manual

Component Type PCB Header
More Detailed Tech Information [I-Trac@molex.com](#)
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
Not Reviewed



Need more information on product environmental compliance?

Email 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	0622018601
Backplane Insertion Tool, GbX I-Trac™	0621005110

Pitch - Term. Interface (mm)	1.00 mm	Signal Contact Insertion
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	Yes	
Surface Mount Compatible (SMC)	Yes	
Temperature Range - Operating	-55°C to +80°C	
Termination Interface: Style	Through Hole - Compliant Pin	
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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