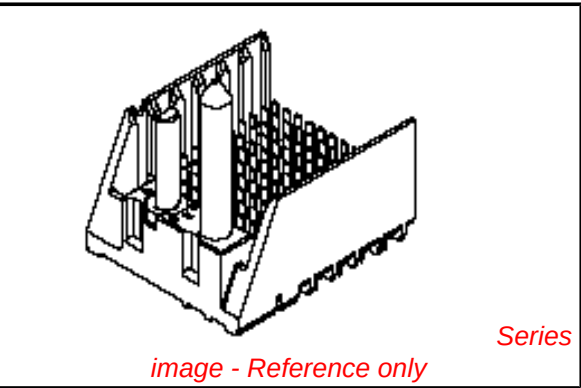


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Part Number: [75705-2504](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Left Guide, Right Open, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 5.70mm
Replacement Part Number: 757053504



Documents:
[3D Model](#) [Product Specification PS-75710-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [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™
Replacement Part Number 757053504
Style N/A
UPC 822350731959

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 Yes
Keying to Mating Part None
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 7.493/g
Number of Columns 5
Number of Pairs 6, Open Pin Field
Number of Rows 11
Orientation Vertical
PC Tail Length 2.10mm
PCB Locator No
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 No
Surface Mount Compatible (SMC) Yes

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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 Header	0621009610
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	

Temperature Range - Operating	-55°C to +80°C	Backplane Insertion	<u>0621005110</u>
Termination Interface: Style	Through Hole - Compliant Pin	Tool for Signal	Contact Insertion
Electrical		Press-In Tool	<u>0622018601</u>
Current - Maximum per Contact	1A	Vertical Header 11-	Row, 5-Column
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-75705-002		

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