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Part Number:

75705-0503

Status:

Active

Overview:

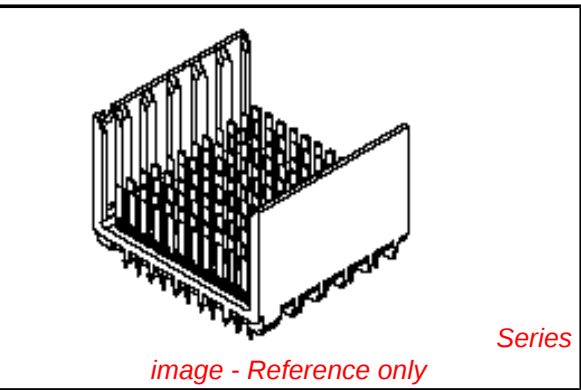
GbX I-Trac™ Backplane Connector System

Description:

1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Open Ends, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 4.70mm

Replacement Part Number:

757051503



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™
Replacement Part Number		757051503
Style		N/A
UPC		822350729581

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-Lead
Material - Resin		High Temperature Thermoplastic
Net Weight		3.390/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		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		Yes
Surface Mount Compatible (SMC)		Yes

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 Header Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	0621009610

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-75705-001		

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