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Part Number:	75705-4605
Status:	Active
Overview:	GbX I-Trac™ Backplane Connector System
Description:	1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Right Guide, Left Open, 11 Rows, 6 Columns, 132 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm
Replacement Part Number:	757055605

Documents:	
3D Model	Product Specification PS-75710-999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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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	757055605
Style	N/A
UPC	822350846332

Physical

Circuits (Loaded)	132
Circuits (maximum)	132
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
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	8.043/g
Number of Columns	6
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

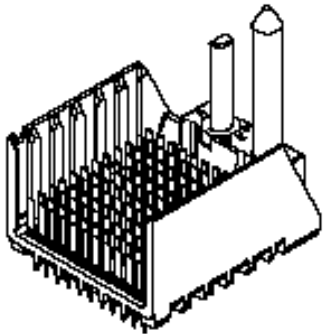


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Series

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	

Surface Mount Compatible (SMC)	Yes	Backplane Insertion	<u>0621005110</u>
Temperature Range - Operating	-55°C to +80°C	Tool for Signal	
Termination Interface: Style	Through Hole - Compliant Pin	Contact Insertion	
Electrical		Press-In Tool for	<u>0622018602</u>
Current - Maximum per Contact	1A	Vertical Header 11-	Row, 6-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-75705-004		

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