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Part Number:

75705-4103

Status:

Active

Overview:

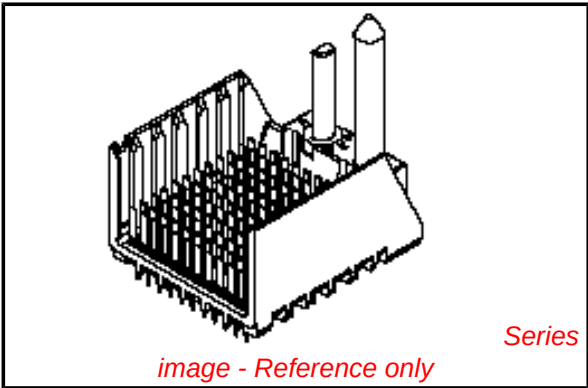
GbX I-Trac™ Backplane Connector System

Description:

1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Right Guide, Left Open, 11 Rows, 10 Columns, 200 Circuits, Mating Pin Length 4.70mm

Replacement Part Number:

757055103



Documents:

3D Model

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		757055103
Style		N/A
UPC		822350732253
Physical		
Circuits (Loaded)		220
Circuits (maximum)		220
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		10.643/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		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	
Electrical		Contact Insertion	
Current - Maximum per Contact	1A	Press-In Tool for	<u>0622018603</u>
Data Rate	12.0 Gbps	Vertical Header 11-	
Real Signals (per 25mm)	148	Row, 10-Column	
Shield Type	N/A		
Shielded	No		
Voltage - Maximum	120V AC (RMS)/DC		
Material Info			
Reference - Drawing Numbers			
Sales Drawing	SD-75705-004		

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