

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0757051513

Status:

Active

Overview:

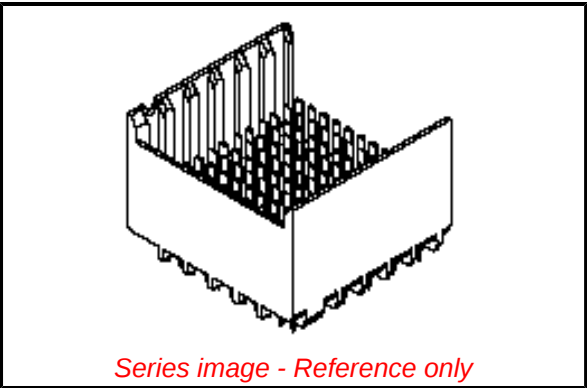
GbX I-Trac Backplane Connector System

Description:

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

Documents:	
3D Model	Product Specification PS-75710-999-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-587 (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
UPC	822350968065
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
Net Weight	3.895/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	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +80°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	



EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
Halogen-Free Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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 #
Backplane Insertion Tool for Signal Contact Insertion	621005110

Current - Maximum per Contact	1.0A	Press-In Tool	<u>622018601</u>
Data Rate	12.0 Gbps	Vertical Header 11-	
Real Signals (per 25mm)	148	Row, 5-Column	
Shield Type	N/A		
Shielded	No		
Voltage - Maximum	120V AC (RMS)/DC		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-587		
Product Specification	PS-75710-999-001		
Sales Drawing	SD-75705-001		

This document was generated on 08/24/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[75705-1513](#)