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Part Number: [0757059505](#)
Status: **Active**
Overview: [GbX I-Trac™ Backplane Connector System](#)
Description: GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Endwall, 11 Rows, 5 Columns, 110 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm, Lead-Free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

UL E29179

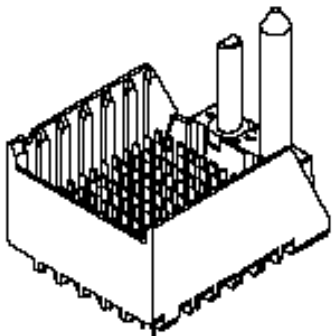
General

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 800756893402

Physical

Circuits (Loaded) 110
Circuits (maximum) 110
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
Material - Resin High Temperature Thermoplastic
Net Weight 7.925/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
Temperature Range - Operating -55°C to +80°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

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 #

Current - Maximum per Contact	1.0A	Backplane Insertion	<u>0621005110</u>
Data Rate	12.0 Gbps	Tool for Signal	
Real Signals (per 25mm)	148	Contact Insertion	
Shield Type	N/A	Press-In Tool	<u>0622018601</u>
Shielded	No	Vertical Header 11-	
Voltage - Maximum	120V AC (RMS)/DC	Row, 5-Column	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Sales Drawing	SD-75705-004		

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