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Part Number: [0760403050](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Left Guide, 15 Rows, 8 Columns, 240 Circuits, Lead-Free, with ESD Clips
Replacement Part Number: N/A

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75710-999 \(PDF\)](#)
[Packaging Specification PK-70873-608 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family Backplane Connectors
Series [76040](#)
Application Coplanar, Daughtercard
Component Type PCB Receptacle
Overview [GbX I-Trac™ Backplane Connector System](#)
Product Name GbX I-Trac™
Replacement Part Number N/A
UPC 883906601850

Physical
Circuits (Loaded) 240
Circuits (maximum) 240
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
Material - Resin High Temperature Thermoplastic
Net Weight 45.860/g
Number of Columns 8
Number of Pairs 8, Open Pin Field
Number of Rows 15
Orientation Right Angle
PC Tail Length 2.00mm
PCB Locator Yes
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 Yes
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +80°C



Series image - Reference only

EU ELV
Not Reviewed
EU RoHS **China RoHS**
Not Reviewed
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed
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 Not Reviewed
ELV Not Reviewed

Search Parts in this Series
[76040](#) Series

Mates With
[76035](#) GbX I-Trac™ Vertical Header Module

Use With
[78239](#) GbX I-Trac™ Right Angle Power Header. [76153](#) Pirate Cannon Wide Guide Module

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 #
GbX I-Trac™ Daughter Card Press-In Tool	0622018622

Termination Interface: Style	Through Hole - Compliant Pin	Daughter Card Signal Module Removal Tool	<u>0622023000</u>
Electrical			
Current - Maximum per Contact	1.0A		
Data Rate	12.0 Gbps		
Shield Type	N/A		
Shielded	No		
Voltage - Maximum	120V AC (RMS)/DC		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-608		
Product Specification	PS-75710-999		
Sales Drawing	SD-171910-0001, SD-171910-0002, SD-76040-002		

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