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Part Number: [0760405010](#)
Status: **Active**
Overview: [GbX I-Trac Backplane Connector System](#)
Description: [GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Right Guide, 15 Rows, 10 Columns, 300 Circuits](#)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#)
[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
UPC 822350969390

Physical
Circuits (Loaded) 300
Circuits (maximum) 300
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 47.794/g
Number of Columns 10
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° 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
Not Contained Per -
ED/71/2019 (16 July
2019)
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
[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 #
Press-In Tool for Right-Angle Receptacle 15-Row, 10-Column	622018624

Current - Maximum per Contact	1.0A	Daughter Card	<u>622023000</u>
Data Rate	12.0 Gbps	Signal Module	
Real Signals (per 25mm)	101	Removal Tool	
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-70873-608		
Product Specification	PS-75710-999-001		
Sales Drawing	SD-76040-004		

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