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Part Number: [76040-3108](#)
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

Documents:

[3D Model](#) [Product Specification PS-75710-999 \(PDF\)](#)
[Drawing \(PDF\)](#) [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™
Style N/A
UPC 822350896511

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 Yes
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 40.245/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
Termination Interface: Style Through Hole - Compliant Pin



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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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

[76040Series](#)

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 #
Daughter Card	0622018622
Press-In Tool	
Daughter Card	0622023000
Signal Module	
Removal Tool	

Electrical

Current - Maximum per Contact	1A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	101
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-75710-999
Sales Drawing	SD-171910-0001, SD-171910-0002, SD-76040-002

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