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Part Number: [76040-5009](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Right Angle Receptacle Module, Right Guide, 15 Rows, 9 Columns, 270 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 822350969369

Physical

Circuits (Loaded) 270
 Circuits (maximum) 270
 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 43.862/g
 Number of Columns 9
 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

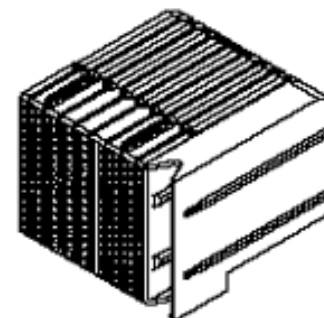


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Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



Need more information on product 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 #
Press-In Tool for Right Angle Receptacle 15-Row, 9-Column	0622018623

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-76040-004

DaughterCard Signal <u>0622023000</u> Module Removal Tool

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