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Part Number: [76011-1603](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Right Angle Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 4.70mm

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

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76011](#)
Application Coplanar, Daughtercard
Component Type Right Angle Male
Overview [GbX I-Trac™ Backplane Connector System](#)
Product Name GbX I-Trac™
Style N/A
UPC 800756659572

Physical

Circuits (Loaded) 84
Circuits (maximum) 84
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
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 17.166/g
Number of Columns 6
Number of Pairs 4, Open Pin Field
Number of Rows 7
Orientation Right Angle
PC Tail Length 2.00mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 3.70mm
Pitch - Termination Interface 1.20mm, 2.50mm
Plating min - Mating 0.762µm
Plating min - Termination 0.762µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating 85°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



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
[76011Series](#)

Mates With
[76020](#) GbX I-Trac™ Right Angle Receptacle Module

Use With
[78230](#) GbX I-Trac™ Right Angle Power Receptacle

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 #
Right Angle Male (RAM) Module	0622023080
Removal Tool	
Press-In Tool for Right Angle	0622018611

Electrical

Current - Maximum per Contact	1A
Data Rate	12.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Receptacle and
Header 7-Row, 6-
Column

Material Info

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