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Part Number: [76011-1605](#)
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, Staggered Mating Pin Length 3.80mm & 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 800756679556

Physical

Circuits (Loaded) 84
 Circuits (maximum) 84
 Color - Resin Black
 Durability (mating cycles max) 200
 First Mate / Last Break Yes
 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

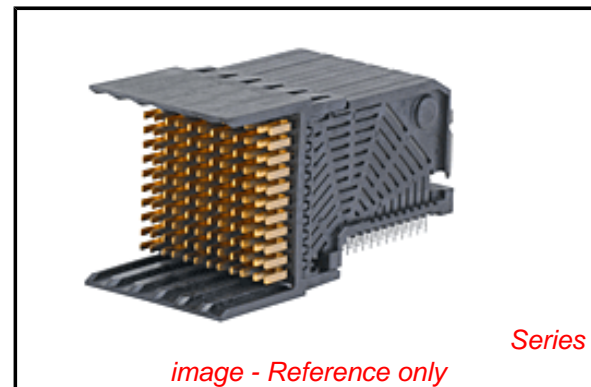


image - Reference only

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 #
Press-In Tool for Right Angle Receptacle and Header 7-Row, 6-Column	0622018611

Electrical

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

Right Angle Male (RAM) Module Removal Tool	<u>0622023080</u>
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Material Info**Reference - Drawing Numbers**

Sales Drawing	SD-76011-001
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