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Part Number: [0760113633](#)

Status: **Active**

Overview: [GbX I-Trac™ Backplane Connector System](#)

Description: GbX I-Trac™ Right Angle Header Module, 1.85mm by 3.70mm Pitch, Left Guided Coplanar, Right Open, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 4.70mm, Lead-Free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-75710-999 \(PDF\)](#)

[Packaging Specification PK-70873-588 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

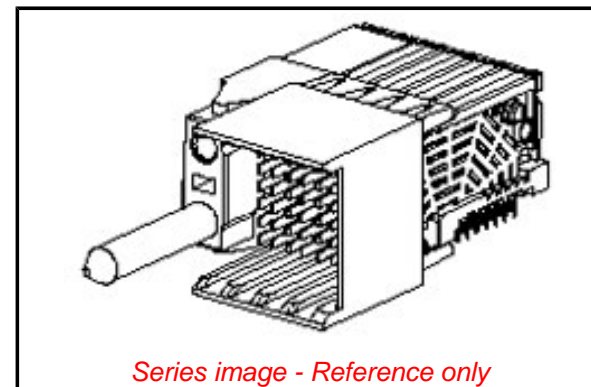
UL E29179

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™
UPC	883906035242

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	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	23.194/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
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[76011 Series](#)

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 #

Electrical

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-588
Product Specification	PS-75710-999
Sales Drawing	SD-76011-002

Right Angle Male (RAM) Module Removal Tool	<u>0622023080</u>
Press-In Tool for Right Angle Receptacle and Header 7-Row, 6- Column	<u>0622018611</u>

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