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Part Number: **0760403010**
Status: **Active**
Overview:
Description: 1.85mm by 3.70mm (.073" by .146") Pitch, GbX I-Trac™ Right Angle Receptacle Module, Left Guide, 15 Rows, 10 Columns, 300 Circuits

Documents:

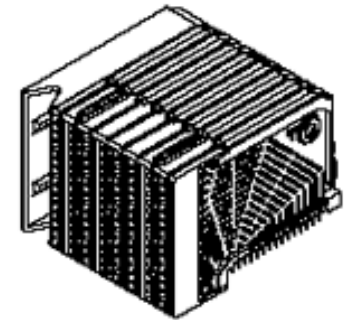
[3D Model](#)
[Packaging Specification \(PDF\)](#)
[Drawing \(PDF\)](#)
[Product Specification PS-75710-999 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	76040
Application	Coplanar
Application	Daughtercard
Application Tooling Documents	Tooling Manual
Component Type	PCB Receptacle
More Detailed Tech Information	I-Trac@molex.com
Overview	GbX I-Trac™#153; Backplane Connector System
Product Name	GbX I-Trac™
Style	N/A

Physical

Circuits (Loaded)	300
Circuits (maximum)	300
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
Number of Columns	10
Number of Pairs	8
Number of Pairs	Open Pin Field
Number of Rows	15
Orientation	Right Angle
PC Tail Length (in)	0.079 In
PC Tail Length (mm)	2.00 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.073 In
Pitch - Mating Interface (in)	0.146 In
Pitch - Mating Interface (mm)	1.85 mm
Pitch - Mating Interface (mm)	3.70 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (in)	0.106 In
Pitch - Term. Interface (mm)	1.00 mm
Pitch - Term. Interface (mm)	2.70 mm



Series image - Reference only

EU RoHS

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

China RoHS



Not Reviewed

Need more information on product environmental compliance?

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

Search Parts in this Series

[76040](#) Series

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, GbX I-Trac™ Right Angle Receptacle 15 Row, 10 Column	0622018624
Daughtercard Signal Module Removal Tool	0622023000

Plating min: Mating (μin)	30.4
Plating min: Mating (μm)	0.76
Plating min: Termination (μin)	30.4
Plating min: Termination (μm)	0.76
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

Electrical

Current - Maximum	1A
Data Rate	12.0 Gbps
Real Signals (per 25mm)	101
Shield Type	N/A
Shielded	No
UL	E29179
Voltage - Maximum	120V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Product Specification	PS-75710-999
Sales Drawing	SD-76040-002

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