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Part Number: **76015-0424**

Status: **Active**

Overview: GbX I-Trac™ Backplane Connector System

Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Dual End Walls, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 5.70mm

Documents:

3D Model	Product Specification PS-75710-999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Series
image - Reference only

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	76015
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
Style	N/A

Physical

Circuits (Loaded)	56
Circuits (maximum)	56
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-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	None
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	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
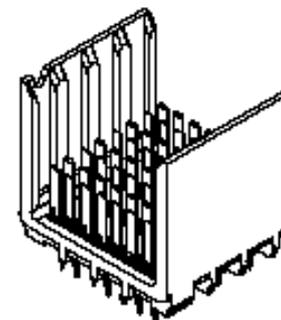
EU RoHS

RoHS Compliant by Exemption

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
76015Series

Mates With
76020 GbX I-Trac™ Right Angle Receptacle Module

Use With
78227 GbX I-Trac™ Vertical Power Receptacle. 75234 Backplane Free Standing Guide Pin

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 Vertical Header 7-Row, 4-Column	0622018607

Data Rate	12.0 Gbps
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-76015-001 |

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