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Part Number: [76015-0404](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Open Ends, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 5.70mm
Replacement Part Number: 760151404

Documents:

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

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™
 Replacement Part Number 760151404
 Style N/A
 UPC 822350797672

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
 Net Weight 2.046/g
 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 Yes
 Surface Mount Compatible (SMC) Yes

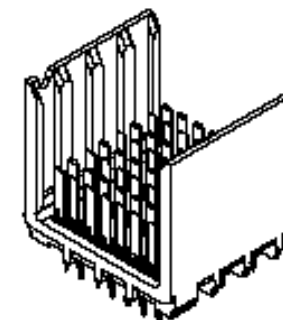


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Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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 #
Backplane Header	0621009610
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	

Temperature Range - Operating
Termination Interface: Style

85°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Shield Type
Shielded
Voltage - Maximum

1A
12.0 Gbps
N/A
No
120V AC (RMS)/DC

Backplane Insertion 0621005110
Tool for Signal
Contact Insertion
Press-In Tool for 0622018607
Vertical Header 7-
Row, 4-Column

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-75710-999
SD-76015-001

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