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Part Number: [76040-2008](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: 1.85mm by 3.70mm Pitch, GbX I-Trac™ Right Angle Receptacle Module, Left Guide, 15 Rows, 8 Columns, 240 Circuits
Replacement Part Number: 760403008

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 [76040](#)
Application Coplanar, Daughtercard
Component Type PCB Receptacle
Overview [GbX I-Trac™ Backplane Connector System](#)
Product Name GbX I-Trac™
Replacement Part Number 760403008
Style N/A
UPC 822350894494

Physical

Circuits (Loaded) 240
Circuits (maximum) 240
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-Lead
Material - Resin High Temperature Thermoplastic
Net Weight 42.910/g
Number of Columns 8
Number of Pairs 8, Open Pin Field
Number of Rows 15
Orientation Right Angle
PC Tail Length 2.00mm
PCB Locator Yes
PCB Retention Yes
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 Yes
Stackable No
Surface Mount Compatible (SMC) Yes

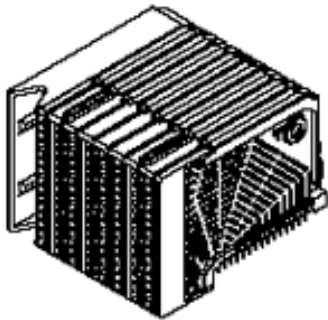


image - Reference only

Series

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
[76040Series](#)

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 #
Daughter Card	0622018622
Press-In Tool	
Daughter Card	0622023000
Signal Module	
Removal Tool	

Temperature Range - Operating
Termination Interface: Style

-55°C to +80°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Real Signals (per 25mm)
Shield Type
Shielded
Voltage - Maximum

1A
12.0 Gbps
101
N/A
No
120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-75710-999
SD-171910-0001, SD-171910-0002, SD-76040-002

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