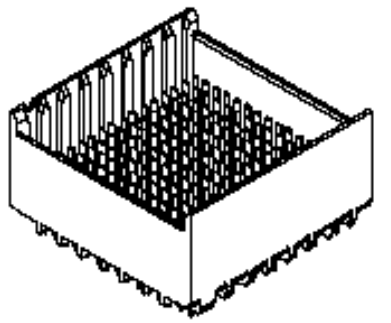
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Part Number: 0760351825
Status: Active
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Unguided, Dual End Walls, 15 Rows, 8 Columns, 240 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-75710-999 (PDF)
Packaging Specification PK-70873-586 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	76035
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
UPC	822350890601

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
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
Material - Resin	High Temperature Thermoplastic
Net Weight	8.366/g
Number of Columns	8
Number of Pairs	8, Open Pin Field
Number of Rows	15
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	-55°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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	Green Image
ELV	Not Relevant

Search Parts in this Series
76035 Series

Mates With
76040 GbX I-Trac™ Right Angle Receptacle Module

Use With
78237 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 #**

Electrical	
Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-586
Product Specification	PS-75710-999
Sales Drawing	SD-76035-001

Backplane Insertion Tool for Signal Contact Insertion	0621005110
Press-In Tool for Vertical Header 15-Row, 8-Column	0622018619

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