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Part Number:

0760153104

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 10 Columns, 140 Circuits, Mating Pin Length 5.70mm, Lead-Free

Documents:

3D Model

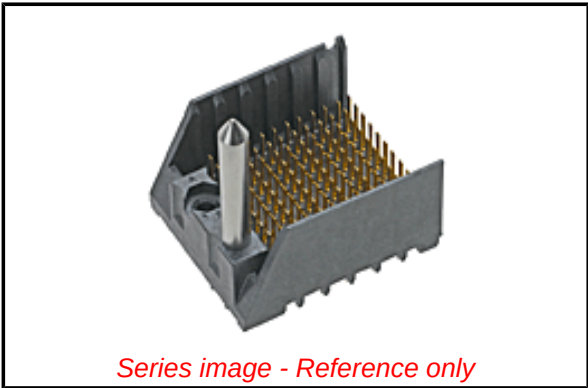
Drawing (PDF)

Product Specification PS-75710-999 (PDF)

Packaging Specification PK-70873-802 (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™
UPC	822350797610
Physical	
Circuits (Loaded)	140
Circuits (maximum)	140
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
Net Weight	8.403/g
Number of Columns	10
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	



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

ELV

Green Image

Not Relevant

Search Parts in this Series

76015 Series

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 #

Current - Maximum per Contact	1.0A	Backplane Insertion	<u>0621005110</u>
Data Rate	12.0 Gbps	Tool for Signal	
Shield Type	N/A	Contact Insertion	
Shielded	No	Press-In Tool for	<u>0622018609</u>
Voltage - Maximum	120V AC (RMS)/DC	Vertical Header 7-	
		Row, 10-Column	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-802		
Product Specification	PS-75710-999		
Sales Drawing	SD-76015-002		

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