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Part Number:

0757059609

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Vertical Header Module, 1.85mm by 3.70mm Pitch, Right Guide, Left Endwall, 11 Rows, 6 Columns, 132 Circuits, Staggered Mating Pin Length 4.70mm & 5.70mm

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-75710-999 \(PDF\)](#)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75705

Application

Backplane, Midplane, Orthogonal

Component Type

PCB Header

Overview

GbX I-Trac™ Backplane Connector System

Product Name

GbX I-Trac™

UPC

887191090511

Physical

Circuits (Loaded)

132

Circuits (maximum)

132

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

Yes

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

8.574/g

Number of Columns

6

Number of Pairs

6, Open Pin Field

Number of Rows

11

Orientation

Vertical

PC Tail Length

2.10mm

PCB Locator

No

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

0.254µm

Plating min - Termination

0.254µm

Polarized to PCB

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

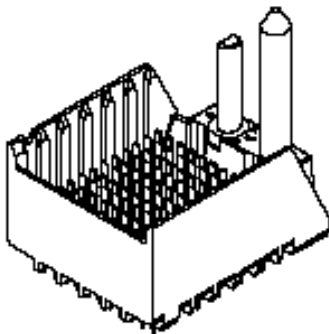
Temperature Range - Operating

-55°C to +80°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

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

75705 Series

Mates With

75710 GbX I-Trac™ Right Angle Receptacle
Module

Use With

78232 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	Press-In Tool for	<u>0622018602</u>
Data Rate	12.0 Gbps	Vertical Header 11-	
Real Signals (per 25mm)	148	Row, 6-Column	
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			
Product Specification	PS-75710-999		
Sales Drawing	SD-75705-004		

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