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Part Number:

0757057503

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 Endwall, 11 Rows, 5 Columns, 110 Circuits, Mating Pin Length 4.70mm

Documents:

3D Model

Packaging Specification PK-70873-587 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

UPC

Backplane Connectors

75705

Backplane, Midplane, Orthogonal

PCB Header

GbX I-Trac™ Backplane Connector System

GbX I-Trac™

822350968089

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

110

110

Black

200

No

94V-0

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

7.815/g

5

6, Open Pin Field

11

Vertical

2.10mm

No

Yes

1.60mm

Tray

1.85mm, 3.70mm

1.00mm, 2.70mm

0.762µm

0.762µm

No

No

Yes

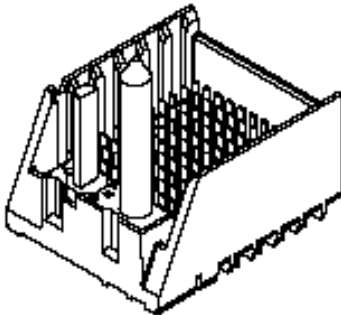
-55°C to +80°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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 #

Data Rate	12.0 Gbps	Press-In Tool	<u>0622018601</u>
Real Signals (per 25mm)	148	Vertical Header 11-	
Shield Type	N/A	Row, 5-Column	
Shielded	No	Backplane Insertion	<u>0621005110</u>
Voltage - Maximum	120V AC (RMS)/DC	Tool for Signal	
		Contact Insertion	
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-587		
Sales Drawing	SD-75705-002		

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