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Part Number:

0754650105

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair L-Series Backplane Connector System, Open Header, 110 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm

Documents:

3D Model

Packaging Specification PK-70873-563 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75221-999-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75465

Application

Backplane

Application Tooling Documents

TM-622022099

Comments

Open Header, Open Header

Component Type

PCB Header

Overview

GbX Backplane Connector System

Product Name

GbX

UPC

822348690572

Physical

Circuits (Loaded)

110

Circuits (maximum)

110

Color - Resin

Gray (Dark)

Durability (mating cycles max)

250

First Mate / Last Break

No

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-Lead

Material - Resin

High Temperature Thermoplastic

Net Weight

4.339/g

Number of Columns

10

Number of Pairs

4

Number of Rows

11

Orientation

Vertical

PC Tail Length

2.20mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tray

Pitch - Mating Interface

1.85mm

Pitch - Termination Interface

1.85mm

Plating min - Mating

0.762µm

Plating min - Termination

0.762µm

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

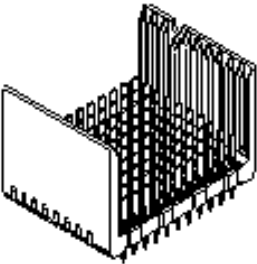
No

Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75465 Series

Mates With

GbX Daughtercards [75420](#) , [75426](#)

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 #

Backplane 4-Pair by

622022025

10-Wide L Series

Insertion Tool

Single Pin Repair

622022090

Tool

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	149
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75465-010

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