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Part Number:

0758320104

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 2 Pair L-Series Backplane Connector System, 10 Columns, Open Header, 40 Circuits, Pin Length 4.55mm, Lead-Free

Documents:

3D Model

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

3D Model (PDF)

Packaging Specification PK-70873-5058 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75832

Application

Backplane

Application Tooling Documents

TM-622022099

Component Type

Power Header

Overview

GbX Backplane Connector System

Product Name

GbX

UPC

883906223229

Physical

Circuits (Loaded)

40

Circuits (maximum)

40

Color - Resin

Gray

Durability (mating cycles max)

200

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

Material - Resin

High Temperature Thermoplastic

Net Weight

2.584/g

Number of Columns

10

Number of Pairs

2

Number of Rows

7

Orientation

Vertical

PC Tail Length

2.30mm

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

No

Stackable

Yes

Surface Mount Compatible (SMC)

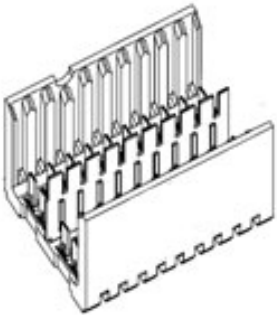
Yes

Temperature Range - Operating

105°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

75832 Series

Mates With

75874 GbX Daughtercard Lead-Free

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 #

GbX 2-Pair by 10-Wide Differential Insertion Tool

622022410

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Shielded	No
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-70873-5058
Product Specification	PS-75221-999-001
Sales Drawing	SD-75832-010

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