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Part Number:

0754921053

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

2-Pair GbX Backplane Connector System, Power Module, 4 Circuits, 1.27µm Gold (Au), Lead-Free

Documents:

3D Model

Packaging Specification PK-70873-578 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75492

Application

Backplane

Application Tooling Documents

TM-622022099

Component Type

Power Header

Overview

GbX® Backplane Connector System

Product Name

GbX

UPC

884982280700

Physical

Circuits (Loaded)

4

Circuits (maximum)

4

Circuits Detail

Rows A & B

Color - Resin

Gray (Dark)

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

1.305/g

Number of Columns

N/A

Number of Pairs

2

Number of Rows

2

Orientation

Vertical

PC Tail Length

2.28mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Tube

Pitch - Mating Interface

1.85mm

Pitch - Termination Interface

2.60mm

Plating min - Mating

1.270µm

Plating min - Termination

0.762µm

Polarized to PCB

Yes

Stackable

Yes

Surface Mount Compatible (SMC)

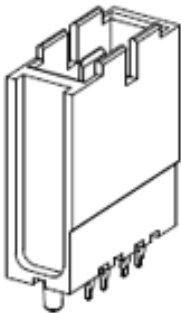
Yes

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/30/2017 (7 July

2017)

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75492 Series

Mates With

75292 GbX Daughtercard

Electrical

Current - Maximum per Contact	6.0A
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-70873-578
Sales Drawing	SD-75492-001

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