

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

75235-4148

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

1.85mm by 1.85mm Pitch 4-Pair GbX® Backplane Connector System, Right Guide Header, 80 Circuits, Gold (Au) 1.27µm, Pin Length 4.55mm

Documents:

Drawing (PDF)

Product Specification PS-75221-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Documents

Comments

Component Type

Overview

Product Name

Style

UPC

Backplane Connectors

75235

Backplane

TM-622022099

Right Guide Header, Keying Position D

PCB Header

GbX® Backplane Connector System

GbX®

N/A

822350179782

Physical

Circuits (Loaded)

Circuits (maximum)

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Plating Mating

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

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

80

80

200

No

94V-0

Yes

Yes

Gold

4.537/g

10

4

8

Vertical

2.20mm

No

Yes

1.60mm

Tray

1.85mm

1.85mm

No

No

Yes

105°C

Electrical

Current - Maximum per Contact

Data Rate

Real Signals (per 25mm)

Shield Type

1A

8.0 Gbps

108

Ground Plane Shield

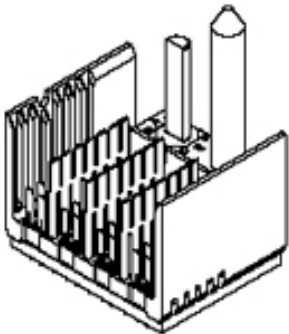


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

75235Series

Mates With

75220 GbX® Daughtercard

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 #
Insertion Tool, 4-pair by 10-Wide	0622022000
Insertion Tool, 4-pair by 20-Wide	0622022010
Single Pin Repair Tool	0622022090
Shield Removal Tool	0622022100

Shielded
Voltage - Maximum

Yes
120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-75221-999
SD-75235-410

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 08/12/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION