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Part Number:

0758610104

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

2-Pair GbX® Backplane L-Series Connector System, Open Header, 55 Circuits, Gold (Au) 0.76µm, Pin Length 4.55mm

Documents:

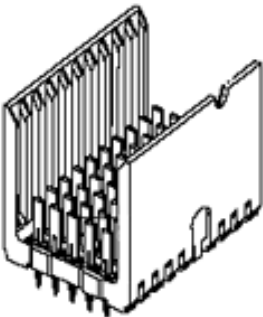
3D Model

Drawing (PDF)

Packaging Specification PK-70873-5058 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	75861
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Open Header
Component Type	PCB Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
UPC	822350869782
Physical	
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	No
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	2.482/g
Number of Columns	10
Number of Pairs	2
Number of Rows	5
Orientation	Vertical
PC Tail Length	2.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
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
Electrical	
Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	67



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 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

75861 Series

Mates With

75676 GbX® Hybrid Daughtercard. 75671

GbX® L-Series 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 #

GbX® 2-Pair by

10-Wide L-Series

Insertion Module

0622022450

Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data	
Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers	
Packaging Specification	PK-70873-5058
Sales Drawing	SD-75861-010

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