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Part Number:

0754652504

Status:

Active

Overview:

GbX® Backplane Connector System

Description:

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

Documents:

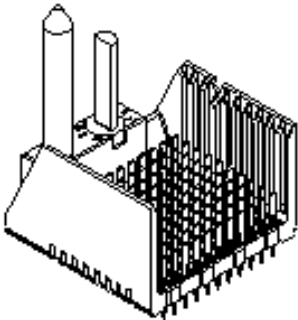
3D Model

Drawing (PDF)

Product Specification PS-75221-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75465
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Left Guide Header, No Keying Position
Component Type	PCB Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
UPC	822350666084
Physical	
Circuits (Loaded)	55
Circuits (maximum)	55
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	5.802/g
Number of Columns	5
Number of Pairs	4
Number of Rows	11
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

Contains SVHC(2014 December 17): No

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

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 #
Single Pin Repair Tool	0622022090
Backplane 4-Pair by 5-Wide L Series Insertion Tool	0622022015

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	149
Shield Type	N/A
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

Product Specification	PS-75221-999
Sales Drawing	SD-75465-210

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