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Part Number:

75838-0205

Status:

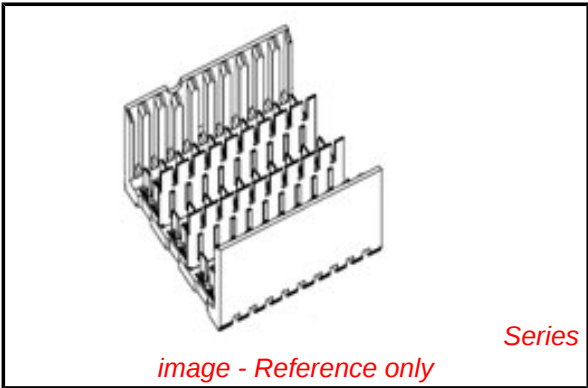
Active

Overview:

GbX® Backplane Connector System

Description:

1.85mm, Lead-Free by 1.85mm, Lead-Free Pitch 4-Pair GbX® Backplane Connector System, Open Header, 200 Circuits, 25 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm, Lead-Free



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	75838
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Open Header
Component Type	Power Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
Style	N/A
UPC	800756791678
Physical	
Circuits (Loaded)	200
Circuits (maximum)	200
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	12.290/g
Number of Columns	25
Number of Pairs	4
Number of Rows	8
Orientation	Vertical
PC Tail Length	2.30mm
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	No
Surface Mount Compatible (SMC)	Yes

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

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

75838Series

Mates With

75878 Daughtercard Assembly

Temperature Range - Operating

Termination Interface: Style

105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Data Rate

Shield Type

Shielded

Voltage - Maximum

1A

8.0 Gbps

Ground Plane Shield

Yes

120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-75221-999

SD-75838-010

GbX is a registered trademark of Amphenol Corporation.

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