

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0758382105

Status:

Active

Overview:

GbX Backplane Connector System

Description:

GbX 4 Pair Backplane Connector System Left Guided, 80 Circuits, 10 Columns, Gold (Au) 0.76µm, Pin Length 5.55mm, Lead-Free

Documents:

3D Model

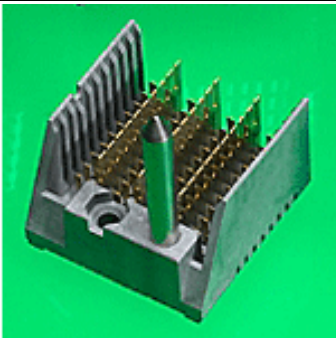
Packaging Specification PK-70873-563 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75221-999-001 (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	75838
Application	Backplane
Application Tooling Documents	TM-622022099
Component Type	Power Header
Overview	GbX Backplane Connector System
Product Name	GbX
UPC	883906099787
Physical	
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Gray
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)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.512/g
Number of Columns	10
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	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

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

75838 Series

Mates With

75878 Daughtercard Assembly

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

622022000

by 10-Wide

Electrical

Current - Maximum per Contact	1.0A
Data Rate	8.0 Gbps
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999-001
Sales Drawing	SD-75838-210

This document was generated on 12/17/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[75838-2105](#)