

**Part Number: 75237-4188***Image not available*

Status: Active - Custom
Series: 75237
Category: Backplane Connectors
Overview: GbX® Backplane Connector System

Series image - Reference only

Mates With Part(s):
[75360](#) GbX® Daughtercard

Product Environmental Compliance

[EU RoHS](#): RoHS Compliant by Exemption

[China RoHS](#):

[REACH SVHC](#):

[Low-Halogen Status](#): Not Reviewed

Part Detail**General**

Status	Active - Custom
Category	Backplane Connectors
Series	75237
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Right Guide Header, Keying Position H
Component Type	PCB Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
Style	N/A

Physical

Circuits (Loaded)	100
Circuits (maximum)	100
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Number of Columns	10
Number of Pairs	5
Number of Rows	10
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
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C

Electrical**(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	135
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Agency Certification

UL	E29179
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Material Info

UPC	822350178235
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Reference - Drawing Numbers

Product Specification	PS-75221-999
Sales Drawing	SD-75237-410

Application Tooling

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, 5-pair by 10-Wide	0622022030
Insertion Tool, 5-pair by 20-Wide	0622022040
Single Pin Repair Tool	0622022090
Shield Removal Tool	0622022100

Previously Available Application Tooling

[Check our list of old tooling that used to be](#)

[available for this part](#)