

**Part Number: 75235-4758***Image not available*

**Status:** Active - Custom  
**Series:** 75235  
**Category:** Backplane Connectors  
**Overview:** GbX® Backplane Connector System

*Series image - Reference only***Mates With Part(s):**  
75220 GbX® Daughtercard**Product Environmental Compliance**EU RoHS: RoHS Compliant by ExemptionChina RoHS: REACH SVHC:Low-Halogen Status: Not Reviewed

**Part Detail****General**

<b>Status</b>	Active - Custom
Category	Backplane Connectors
Series	<a href="#">75235</a>
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Right Guide Header, Keying Postion E
Component Type	PCB Header
Overview	<a href="#">GbX® Backplane Connector System</a>
Product Name	GbX®
Style	N/A

**Physical**

Circuits (Loaded)	56
Circuits (maximum)	56
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	7
Number of Pairs	4
Number of Rows	8
Orientation	Vertical
PC Tail Length	2.20mm
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)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

**Agency Certification**

UL	E29179
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**Material Info**

UPC	822350180658
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**Reference - Drawing Numbers**

Product Specification	PS-75221-999
Sales Drawing	SD-75235-470

**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 for 4-Pair by 7-Column	<a href="#">0622022120</a>

**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)