## molex®
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### Part Number: 75237-4238

*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 C |
| Component Type | PCB Header |
| Overview | GbX® Backplane Connector System |
| Product Name | GbX® |
| Style | N/A |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 250 |
| Circuits (maximum) | 250 |
| 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 | 25 |
| 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 |

### Material Info

| | |
|---|---|
| UPC | 822350179386 |

### 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 25-Wide | 0622022050 |
| 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