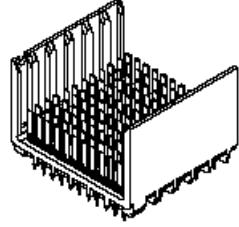




Part Number: 76015-0624

1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Dual End Walls, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 5.70mm



Series image - Reference only

| | |
|--------------|--|
| Status: | OBsolete |
| Replacement: | Contact Molex |
| Series: | 76015 |
| Category: | Backplane Connectors |
| Overview: | GbX I-Trac™ Backplane Connector System |

Mates With Part(s):

[76020](#) GbX I-Trac™ Right Angle Receptacle Module

Use With:

[78227](#) GbX I-Trac™ Vertical Power Receptacle
[75234](#) Backplane Free Standing Guide Pin

Product Environmental Compliance

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

[China RoHS](#):

[REACH SVHC](#):

[Low-Halogen Status](#): Low-Halogen

Part Detail

General

| | |
|----------------|--|
| Status | Obsolete |
| Category | Backplane Connectors |
| Series | 76015 |
| Application | Backplane, Midplane, Orthogonal |
| Component Type | PCB Header |
| Overview | GbX I-Trac™ Backplane Connector System |
| Product Name | GbX I-Trac™ |
| Style | N/A |
| UPC | 883906945497 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 84 |
| Circuits (maximum) | 84 |
| Color - Resin | Black |
| 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-Lead |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 3.849/g |
| Number of Columns | 6 |
| Number of Pairs | 4, Open Pin Field |
| Number of Rows | 7 |
| Orientation | Vertical |
| PC Tail Length | 2.10mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.85mm, 3.70mm |
| Pitch - Termination Interface | 1.00mm, 2.70mm |
| Polarized to PCB | No |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | 85°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical

(Please review the Product Specification for specific details.)

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1A |
| Data Rate | 12.0 Gbps |
| Shield Type | N/A |
| Shielded | No |
| Voltage - Maximum | 120V AC (RMS)/DC |

Agency Certification

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-75710-999 |
| Sales Drawing | SD-76015-001 |

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 # |
|---|----------------------------|
| Backplane Insertion Tool for Signal Contact Insertion | 0621005110 |
| Press-In Tool for Vertical Header 7-Row, 6-Column | 0622018608 |

Previously Available Application Tooling

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