



Part Number : [760153402](#)

Product Description : GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 3.90mm, Lead-Free

Series Number : 76015

Status : Active

Product Category : Backplane Connectors



Documents & Resources

Drawings

[760153402 sd.pdf](#)

[PK-70873-802-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[PS-45499-002-001.pdf](#)

[PS-75710-999-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Backplane Connectors |
| Series | 76015 |
| Description | GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 3.90mm, Lead-Free |
| Application | Backplane, Midplane, Orthogonal |
| Component Type | PCB Header |
| Product Name | GbX I-Trac |
| UPC | 822350957731 |

Agency

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

Electrical

| | |
|-------------------------------|-----------|
| Current - Maximum per Contact | 1.0A |
| Data Rate | 12.0 Gbps |
| Shielded | No |
| Shield Type | N/A |

| | |
|-------------------|------------------|
| Voltage - Maximum | 120V AC (RMS)/DC |
|-------------------|------------------|

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 56 |
| Circuits (maximum) | 56 |
| Color - Resin | Black |
| 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 | 5.101/g |
| Number of Columns | 4 |
| Number of Pairs | 4, Open Pin Field |
| Number of Rows | 7 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 2.10mm |
| Pitch - Mating Interface | 1.85mm, 3.70mm |
| Pitch - Termination Interface | 1.00mm, 2.70mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | 85°C |
| Termination Interface Style | Through Hole - Compliant Pin |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|--------------|
| GbX I-Trac Right-Angle Receptacle Modules | <u>76020</u> |

Use with Part(s)

| Description | Part Number |
|---------------------------------|--------------|
| GbX I-Trac Vertical Receptacles | <u>78227</u> |
| GbX Backplane Guide Pins | <u>75234</u> |

Application Tooling
