**Part Number :** 760203010
**Product Description :** GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Left Guide 7 Row, 10 Columns, 140 Circuits, Lead-Free
**Series Number :** 76020
**Status :** Not Recommended For New Design
**Product Category :** Backplane Connectors



## Documents and Resources

### Drawings

760203010_sd.pdf

PK-70873-607-001.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 | Not Relevant |
| 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)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS

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- 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

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## Part Details

### General

| | |
|---|---|
| Status | Not Recommended For New Design |
| Category | Backplane Connectors |
| Series | 76020 |
| Description | GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Left Guide 7 Row, 10 Columns, 140 Circuits, Lead-Free |
| Application | Coplanar, Daughtercard |
| Component Type | PCB Receptacle |
| Product Name | GbX I-Trac |
| UPC | 822350809207 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |
| Data Rate | 12.0 Gbps |
| Real Signals (per 25mm) | 48 |
| Shielded | No |
| Shield Type | N/A |

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

## Physical

| | |
|---|---|
| Circuits (Loaded) | 140 |
| Circuits (maximum) | 140 |
| 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 | No |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 18.170/g |
| Number of Columns | 10 |
| Number of Pairs | 4, Open Pin Field |
| Number of Rows | 7 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 2.00mm |
| 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 | Yes |
| Stackable | No |
| Temperature Range - Operating | -55° to +80°C |
| Termination Interface Style | Through Hole - Compliant Pin |

## Solder Process Data

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

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| GbX I-Trac Vertical Header Modules | 76015 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| GbX I-Trac Right-Angle Headers | 78234 |
| Wide Guide Modules and Pins | 76153 |

## Application Tooling



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