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Part Number:

0760111103

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Header Module, 1.85mm by 3.70mm Pitch, Unguided, Open Ends, 7 Rows, 10 Columns, 140 Circuits, Mating Pin Length 4.70mm, Lead-Free

Documents:

3D Model

Drawing (PDF)

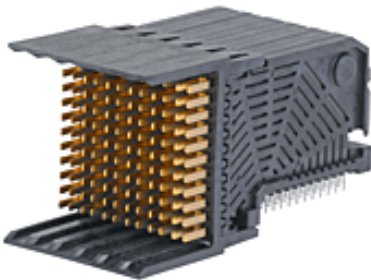
Product Specification PS-75710-999-001 (PDF)

Packaging Specification PK-70873-588 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                       |
|--------------------------------|---------------------------------------|
| Agency Certification           |                                       |
| UL                             | E29179                                |
| General                        |                                       |
| Product Family                 | Backplane Connectors                  |
| Series                         | 76011                                 |
| Application                    | Coplanar, Daughtercard                |
| Component Type                 | Right Angle Male                      |
| Overview                       | GbX I-Trac Backplane Connector System |
| Product Name                   | GbX I-Trac                            |
| UPC                            | 883906035280                          |
| 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          | None                                  |
| Material - Metal               | High Performance Alloy (HPA)          |
| Material - Plating Mating      | Gold                                  |
| Material - Plating Termination | Tin                                   |
| Material - Resin               | High Temperature Thermoplastic        |
| Net Weight                     | 28.172/g                              |
| Number of Columns              | 10                                    |
| Number of Pairs                | 4, Open Pin Field                     |
| Number of Rows                 | 7                                     |
| Orientation                    | Right Angle                           |
| PC Tail Length                 | 2.00mm                                |
| PCB Locator                    | No                                    |
| PCB Retention                  | None                                  |
| PCB Thickness - Recommended    | 1.60mm                                |
| Packaging Type                 | Tray                                  |
| Pitch - Mating Interface       | 3.70mm                                |
| Pitch - Termination Interface  | 1.20mm                                |
| Plating min - Mating           | 0.762µm                               |
| Plating min - Termination      | 0.762µm                               |
| Polarized to PCB               | Yes                                   |
| Stackable                      | No                                    |
| Surface Mount Compatible (SMC) | Yes                                   |
| Temperature Range - Operating  | 85°C                                  |
| Termination Interface: Style   | Through Hole - Compliant Pin          |

Electrical



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                 |               |
| Halogen-Free Status                                           |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

76011 Series

Mates With

76020 GbX I-Trac Right Angle Receptacle Module

Use With

78230 GbX I-Trac Right Angle Power Receptacle

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A             |
| Data Rate                     | 12.0 Gbps        |
| Shielded                      | No               |
| Voltage - Maximum             | 120V AC (RMS)/DC |

## Material Info

### Reference - Drawing Numbers

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-70873-588     |
| Product Specification   | PS-75710-999-001 |
| Sales Drawing           | SD-76011-001-001 |

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