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Part Number:

0782301101

Status:

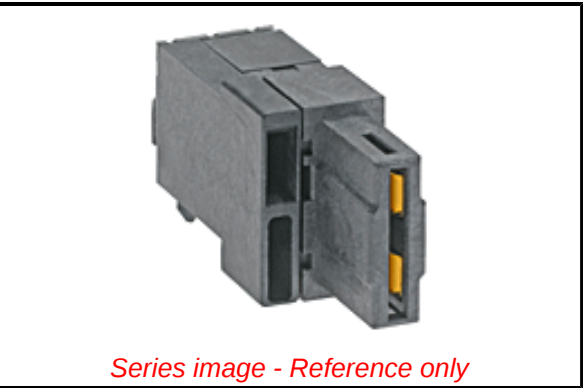
Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Right-Angle Receptacle with Left Hold Down, 1 Power Module, 2 Blades, 40 Amps, Lead-Free



Series image - Reference only

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-78231-007-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-78230-001 (PDF)</a>       |
| <a href="#">Product Specification PS-78231-006-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                       |
|--------------------------------|---------------------------------------|
| Agency Certification           |                                       |
| UL                             | E29179                                |
| General                        |                                       |
| Product Family                 | Backplane Connectors                  |
| Series                         | 78230                                 |
| Application                    | Coplanar, Daughtercard                |
| Component Type                 | Power Receptacle                      |
| Overview                       | GbX I-Trac Backplane Connector System |
| Product Name                   | GbX I-Trac                            |
| UPC                            | 883906175290                          |
| Physical                       |                                       |
| Circuits (Loaded)              | 2                                     |
| Circuits (maximum)             | 2                                     |
| Circuits Detail                | 40 Amps (20/Split Blade)              |
| Color - Resin                  | Black                                 |
| Durability (mating cycles max) | 100                                   |
| 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                                   |
| Material - Resin               | High Temperature Thermoplastic        |
| Net Weight                     | 8.489/g                               |
| Number of Columns              | 1                                     |
| Number of Pairs                | N/A                                   |
| Number of Rows                 | 2                                     |
| Orientation                    | Right Angle                           |
| PC Tail Length                 | 2.41mm                                |
| PCB Locator                    | Yes                                   |
| PCB Retention                  | Yes                                   |
| PCB Thickness - Recommended    | 1.60mm                                |
| Packaging Type                 | Tray                                  |
| Pitch - Mating Interface       | 2.00mm, 7.40mm                        |
| Pitch - Termination Interface  | 2.00mm, 7.40mm                        |
| Polarized to PCB               | Yes                                   |
| Stackable                      | No                                    |
| Surface Mount Compatible (SMC) | Yes                                   |
| Temperature Range - Operating  | -20° to +85°C                         |
| Termination Interface: Style   | Through Hole - Compliant Pin          |
| Electrical                     |                                       |
| Current - Maximum per Contact  | 40.0A                                 |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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

78230 Series

Mates With

78234 GbX I-Trac Right Angle Header, Power Module

Use With

76011 GbX I-Trac Right Angle, 7 Row Right Angle Header Module

Application Tooling | FAQ

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 # |
| Press-in Tool for Right-Angle Power Receptacle and Header for 7-Row | 622018627 |

|                                    |                  |
|------------------------------------|------------------|
| Data Rate                          | 12.0 Gbps        |
| Shield Type                        | N/A              |
| Shielded                           | No               |
| Voltage - Maximum                  | 250V DC          |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | N/A              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Application Specification          | AS-78231-007-001 |
| Packaging Specification            | PK-78230-001     |
| Product Specification              | PS-78231-006-001 |
| Sales Drawing                      | SD-78230-001     |

This document was generated on 02/15/2019

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