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**Part Number:** [0782371001](#)  
**Status:** **Active**  
**Overview:** [GbX I-Trac Backplane Connector System](#)  
**Description:** [GbX I-Trac Vertical Receptacle, Power Module, 3 Blades, 90 Amps, Lead-Free](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-78237-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78231-006-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [78237](#)  
 Application Backplane, Midplane  
 Component Type Power Receptacle  
 Overview [GbX I-Trac Backplane Connector System](#)  
 Product Name GbX I-Trac  
 UPC 822350928267

**Physical**

Circuits (Loaded) 6  
 Circuits (maximum) 6  
 Circuits Detail 90 Amps (30/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 3.522/g  
 Number of Columns 1  
 Number of Pairs 8  
 Number of Rows 3  
 Orientation Vertical  
 PC Tail Length 2.41mm  
 PCB Locator No  
 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 No  
 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 90.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[78237](#) Series

**Mates With**

[78239](#) GbX I-Trac Vertical Power Header  
 With Hold Down

**Use With**

[76035](#) GbX I-Trac Vertical, 15 Row 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 Vertical Power Receptacle for 15-Row	<a href="#">622018632</a>
Support Tool for Vertical Power	<a href="#">622018635</a>

Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC

Module for 15-Row Receptacle
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**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-78237-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78237-011

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