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**Part Number:** [0782271001](#)  
**Status:** **Active**  
**Overview:** [GbX I-Trac Backplane Connector System](#)  
**Description:** [GbX I-Trac Vertical Receptacle, Power Module, 2 Blades, 40 Amps, Lead-Free](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-78227-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-78227-002-001 (PDF)</a>
<a href="#">Product Specification PS-78231-006-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">78227</a>
Application	Backplane, Midplane
Component Type	Power Receptacle
Data Rate	12.0 Gbps
Overview	<a href="#">GbX I-Trac Backplane Connector System</a>
Product Name	GbX I-Trac
Taxonomy	Backplane Connectors
UPC	822350961400

**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
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	1.585/g
Number of Columns	1
Number of Pairs	4
Number of Rows	2
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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[78227](#) Series

**Mates With**

[78229](#) GbX I-Trac Right Angle Header with Right Hold Down

**Use With**

[76015](#) GbX I-Trac Vertical, 7 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 #**

Support Tool for [622018633](#)

Vertical Power  
Module for 7-Row  
Receptacle

**Electrical**

Current - Maximum per Contact	40.0A
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC

**Solder Process Data**

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

Packaging Specification	PK-78227-001-001, PK-78227-002-001
Product Specification	PS-78231-006-001
Sales Drawing	SD-78227-011-001

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