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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:

3D Model	Packaging Specification PK-78227-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-78227-002-001 (PDF)
Product Specification PS-78231-006-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	78227
Application	Backplane, Midplane
Component Type	Power Receptacle
Data Rate	12.0 Gbps
Overview	GbX I-Trac Backplane Connector System
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
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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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