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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 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-78227-002 \(PDF\)](#)
[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
Overview [GbX I-Trac Backplane Connector System](#)
Product Name GbX I-Trac
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

Electrical
Current - Maximum per Contact 40.0A



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates 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 #
Press-in Tool for Vertical Power Receptacle for 7- Row	622018630
Support Tool for Vertical Power	622018633

Data Rate	12.0 Gbps	Module for 7-Row Receptacle
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	250V DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-78227-001, PK-78227-002	
Product Specification	PS-78231-006-001	
Sales Drawing	SD-78227-011	

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