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

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_itrac_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

Electrical

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

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

Solder Process Data

Lead-free Process Capability

N/A

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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