

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [78232-1001](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Vertical Receptacle, Power Module, 2 Blades, 80 Amps, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [78232](#)
 Application Backplane, Midplane
 Component Type Power Receptacle
 Overview [GbX I-Trac™ Backplane Connector System](#)
 Product Name GbX I-Trac™
 Style N/A
 UPC 822350856553

Physical

Circuits (Loaded) 4
 Circuits (maximum) 4
 Circuits Detail 80 Amps (40/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 2.676/g
 Number of Columns 1
 Number of Pairs 6
 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°C to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

Electrical



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[78232Series](#)

Mates With

[78234 GbX I-Trac™ Right Angle Header, Power Module](#)

Use With

[75705 GbX I-Trac™ Vertical, 11 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 11-Row	0622018631

Current - Maximum per Contact	80A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC

Support Tool for	<u>0622018634</u>
Vertical Power Module for 11-Row Receptacle	

Material Info

Reference - Drawing Numbers

Product Specification	PS-78231-006
Sales Drawing	SD-78232-011

This document was generated on 07/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION