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Part Number: 78227-1001
Status: Active
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Vertical Receptacle, Power Module, 2 Blades, 40 Amps, Lead-Free

Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-78231-006 (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™
Style	N/A
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	1.581/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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

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
78227Series

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	0622018630

Current - Maximum per Contact	40A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	250V DC

Support Tool for Vertical Power Module for 7-Row Receptacle	0622018633

Material Info

Reference - Drawing Numbers

Product Specification	PS-78231-006
Sales Drawing	SD-78227-011

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