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Part Number:

0782271001

Status:

Active

Overview:

Description:

GbX I-Trac™ Vertical Receptacle, Power Module, 2 Blades, 40 Amps, Lead Free

Documents:

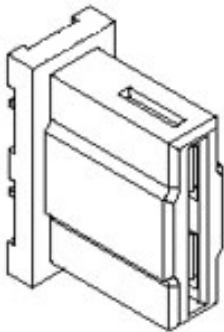
- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Application Specification \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	78227
Application	Backplane
Application	Midplane
Application Tooling Documents	Tooling Manual
Component Type	Power Receptacle
More Detailed Tech Information	I-Trac@molex.com
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
Style	N/A

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
Number of Columns	1
Number of Pairs	4
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.095 In
PC Tail Length (mm)	2.41 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (in)	0.291 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Mating Interface (mm)	7.40 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (in)	0.291 In
Pitch - Term. Interface (mm)	2.00 mm
Pitch - Term. Interface (mm)	7.40 mm
Polarized to PCB	No
Stackable	No



Series image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

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

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, GbX I-Trac™ Vertical Power Receptacle for 7 Row	0622018630
Support Tool, GbX I-Trac™ Vertical	0622018633

Surface Mount Compatible (SMC)	Yes	Power Module for 7
Temperature Range - Operating	-20°C to +85°C	Row Receptacle
Termination Interface: Style	Through Hole - Compliant Pin	
Electrical		
CSA	LR19980	
Current - Maximum	40A	
Data Rate	12.0 Gbps	
Shield Type	N/A	
Shielded	No	
UL	E29179	
Voltage - Maximum	250V DC	
Material Info		
Reference - Drawing Numbers		
Sales Drawing	SD-78227-001	

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