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Part Number:

0782342001

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Right Angle Header with Right Hold Down, Power Module, 2 Blades, 80 Amps, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-78231-006 (PDF)

Application Specification AS-78231-007 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Backplane Connectors
Series	78234
Application	Daughtercard
Component Type	Power Header
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
UPC	883906023348
Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 8.27mm; P2, 8.27mm
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	10.495/g
Number of Columns	1
Number of Pairs	6
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.41mm
PCB Locator	Yes
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
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014

December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

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

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

78234 Series

Mates With

78232 GbX I-Trac™ Vertical Receptacle, Power Module, 78235 GbX I-Trac™ Power Right Angle Receptacle

Use With

75710 GbX I-Trac™ Right Angle, 11 Row Receptacle 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

0622018628

Right Angle Power

Termination Interface: Style	Through Hole - Compliant Pin	Receptacle and Header for 11-Row
Electrical		
Current - Maximum per Contact	80.0A	
Data Rate	12.0 Gbps	
Shield Type	N/A	
Shielded	No	
Voltage - Maximum	250V DC	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-78231-007	
Product Specification	PS-78231-006	
Sales Drawing	SD-78234-003	

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