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Part Number: [0782341022](#)
Status: **Active**
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Right Angle Header with Left Hold Down, Power Module, 2 Blades, 80 Amps, 2 Ganged Modules, Lead-Free

Documents:

3D Model	Application Specification AS-78231-007 (PDF)
Drawing (PDF)	Packaging Specification PK-78234-001 (PDF)
Product Specification PS-78231-006 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

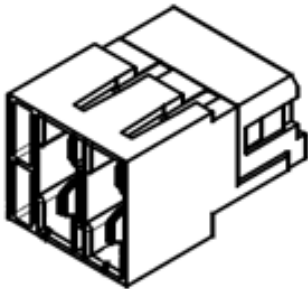
CSA	LR19980
UL	E29179

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	883906097448

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Circuits Detail	80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 8.27mm; P2, 9.77mm. Power Module 2: Blade Length P1, 8.27mm; P2, 9.77mm
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	Yes
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	16.345/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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
ELV

Green Image
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 #

Temperature Range - Operating	-20°C to +85°C	Press-in Tool for	0622018628
Termination Interface: Style	Through Hole - Compliant Pin	Right Angle Power	
Electrical		Receptacle and	
Current - Maximum per Contact	80.0A	Header for 11-Row	
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		
Packaging Specification	PK-78234-001		
Product Specification	PS-78231-006		
Sales Drawing	SD-78234-003		

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