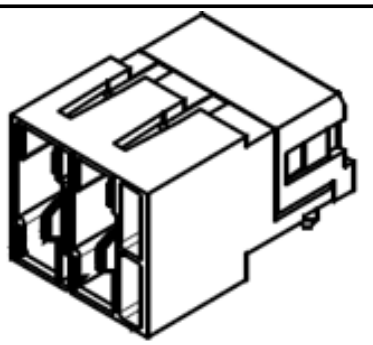
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Part Number: 0782342033
Status: Active
Overview: GbX I-Trac™ Backplane Connector System
Description: GbX I-Trac™ Right Angle Header with Right Hold Down, Power Module, 4 Blades, 80 Amps, 2 Ganged Modules, Lead-Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-78231-006 (PDF)
- Application Specification AS-78231-007 (PDF)
- Packaging Specification PK-78234-001 (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	883906913212

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Circuits Detail	80 Amps (40/Split Blade). Power Module 1: Blade Length P1, 6.77mm; P2, 9.77mm. Power Module 2: Blade Length P1, 6.77mm; 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
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

EU ELV
Not Reviewed

EU RoHS
Not Reviewed

China RoHS

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

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	Not Reviewed
ELV	Not Reviewed

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 Right Angle Power	0622018628

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

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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