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Part Number:

0760203004

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

GbX I-Trac™ Right Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Left Guide 7 Row, 4 Columns, 56 Circuits, Lead-Free

Documents:	
3D Model	Packaging Specification PK-70873-607 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-75710-999 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76020
Application	Coplanar, Daughtercard
Component Type	PCB Receptacle
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
UPC	822350854368
Physical	
Circuits (Loaded)	56
Circuits (maximum)	56
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
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	9.206/g
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Right Angle
PC Tail Length	2.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.85mm, 3.70mm
Pitch - Termination Interface	1.00mm, 2.70mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +80°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

Search Parts in this Series
76020 Series

Mates With
76015 GbX I-Trac™ Vertical Header Module.

Use With
78234 GbX I-Trac™ Right Angle Power Header. 76153 Pirate Cannon Wide Guide 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 #
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Current - Maximum per Contact	1.0A	Press-In Tool	<u>0622018610</u>
Data Rate	12.0 Gbps	for Right Angle	
Real Signals (per 25mm)	48	Receptacle and	
Shield Type	N/A	Header 7-Row, 4-	
Shielded	No	Column	
Voltage - Maximum	120V AC (RMS)/DC	Daughter Card	<u>0622023000</u>
Material Info		Signal Module	
		Removal Tool	
Reference - Drawing Numbers			
Packaging Specification	PK-70873-607		
Product Specification	PS-75710-999		
Sales Drawing	SD-76020-002		

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