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Part Number:

0760403058

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, 15 Rows, 9 Columns, 270 Circuits, Lead-Free, with ESD Clips

Replacement Part Number:

N/A



Series image - Reference only

Documents:

3D Model

Packaging Specification PK-70873-608 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-75710-999 (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

76040

Application

Coplanar, Daughtercard

Component Type

PCB Receptacle

Overview

GbX I-Trac™ Backplane Connector System

Product Name

GbX I-Trac™

Replacement Part Number

N/A

UPC

883906601744

Physical

Circuits (Loaded)

270

Circuits (maximum)

270

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

40.288/g

Number of Columns

9

Number of Pairs

8, Open Pin Field

Number of Rows

15

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

EU ELV

Not Reviewed

EU RoHS

China RoHS

Not Reviewed

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

76040 Series

Mates With

76035 GbX I-Trac™ Vertical Header Module

Use With

78239 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 #

Daughter Card

0622023000

Signal Module

Removal Tool

Termination Interface: Style	Through Hole - Compliant Pin	Press-In Tool for Right Angle Receptacle 15-Row, 9-Column	<u>0622018623</u>
Electrical			
Current - Maximum per Contact	1.0A		
Data Rate	12.0 Gbps		
Shield Type	N/A		
Shielded	No		
Voltage - Maximum	120V AC (RMS)/DC		
Material Info			
Reference - Drawing Numbers			
Packaging Specification	PK-70873-608		
Product Specification	PS-75710-999		
Sales Drawing	SD-171910-0001, SD-171910-0002, SD-76040-002		

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