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Part Number:

76040-2058

Status:

Active

Overview:

GbX I-Trac™ Backplane Connector System

Description:

1.85mm by 3.70mm Pitch, GbX I-Trac™ Right Angle Receptacle Module, Left Guide, 15 Rows, 9 Columns, 270 Circuits, with ESD Clips

Replacement Part Number:

760403058



Series

image - Reference only

Documents:

3D Model

Product Specification PS-75710-999 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (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

760403058

Style

N/A

UPC

883906601683

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

43.258/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

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series

76040Series

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	
Press-In Tool	0622018623
for Right Angle	

Temperature Range - Operating	-55°C to +80°C	Receptacle 15-Row,
Termination Interface: Style	Through Hole - Compliant Pin	9-Column

Electrical

Current - Maximum per Contact	1A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-75710-999
Sales Drawing	SD-171910-0001, SD-171910-0002, SD-76040-002

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