

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0760205004**
Status: **Active**
Overview: GbX I-Trac Backplane Connector System
Description: GbX I-Trac Right-Angle Receptacle Module, 1.85mm by 3.70mm Pitch, Right Guide 7 Row, 4 Columns, 56 Circuits, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-70873-607-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75710-999-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
Series [76020](#)
Application Coplanar, Daughtercard
Component Type PCB Receptacle
Data Rate 12.0 Gbps
Overview [GbX I-Trac Backplane Connector System](#)
Product Name GbX I-Trac
Taxonomy Backplane Connectors
UPC 822350969338

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 9.716/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° to +80°C
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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

Electrical

Current - Maximum per Contact	1.0A
Real Signals (per 25mm)	48
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-607-001
Product Specification	PS-75710-999-001
Sales Drawing	SD-76020-004-001

This document was generated on 01/18/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION