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Part Number:

0760153402

Status:

Active

Overview:

GbX I-Trac Backplane Connector System

Description:

GbX I-Trac Vertical Header Module, 1.85mm by 3.70mm Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 3.90mm, Lead-Free

Documents:

3D Model

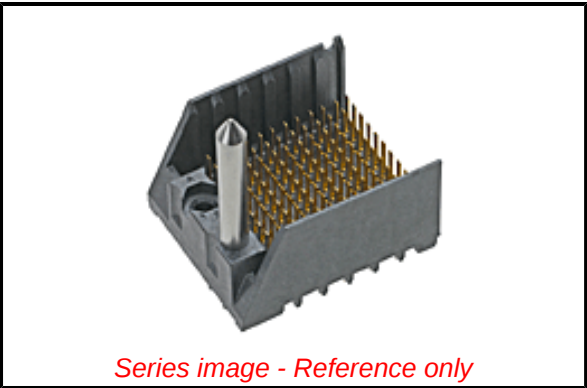
Drawing (PDF)

Product Specification PS-75710-999-001 (PDF)

Packaging Specification PK-70873-802-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76015
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Data Rate	12.0 Gbps
Overview	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
Taxonomy	Backplane Connectors
UPC	822350957731
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	5.101/g
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	None
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	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	85°C
Termination Interface: Style	Through Hole - Compliant Pin



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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76015 Series

Mates With

76020 GbX I-Trac Right Angle Receptacle Module

Use With

78227 GbX I-Trac Vertical Power Receptacle. 75234 Backplane Free Standing Guide Pin

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-802-001
Product Specification	PS-75710-999-001
Sales Drawing	SD-76015-002-001

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