molex 760153403 GbX I-Trac Vertical Header Module Instructions

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Contents

760153403 GbX I-Trac Vertical Header Module

Part Number : 760153403
Product 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 4.70mm, LeadFree
Series Number : 76015
Status : Active
Product Category : Backplane Connectors

Document s & Resources

Drawings

Drawing 760153403_sd.pdf
Packaging Design Drawing PK-70873-802-001.pdf

3D Models and Design Files

3D Model 760153403_stp.zip

Specifications

Product Specification PS-45499-002-001.pdf
Product Specification PS-75710-999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details
General

Status	Active
Category	Backplane Connectors
Series	76015
Description	GbX I-Trac Vertical Header Module, 1.85mm by 3.70m m Pitch, Left Guide, Right Open, 7 Rows, 4 Columns, 56 Circuits, Mating Pin Length 4.70mm, Lead-Free
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Product Family	GbX I-Trac Backplane Connector System
Product Name	GbX I-Trac
UPC	822350856423

Agency

UL	E29179

Electrical

Current – Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage – Maximum	120V AC (RMS)/DC

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	5.157/g
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7

Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.10mm
PCB Locator	No
PCB Retention	None
PCB Thickness – Recommended	1.60mm
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
Temperature Range – Operating	85°C
Termination Interface Style	Through Hole – Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

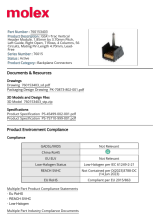
Mates with Part(s)

Description	Part Number
GbX I-Trac Right-Angle Receptacle Modules	76020

Use with Part(s)

Description	Part Number
GbX I-Trac Vertical Receptacles	78227
GbX Backplane Guide Pins	75234

Documents / Resources

	molex 760153403 GbX I-Trac Vertical Header Module [pdf] Instructions 760153403, 760153403 GbX I-Trac Vertical Header Module, GbX I-Trac Vertical Header Module , Vertical Header Module, Header Module, Module

References

- Molex Tools
- molex.com/bin/molex/rohspdf?partNumber=760153403
- 75234 | Molex
- 76020 | Molex
- 78227 | Molex
- Product Compliance | Molex
- Molex Connector Part Number - 76015-3403 | Molex