Part Number : 760153402
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 3.90mm, Lead-Free
Series Number : 76015
Status : Active
Product Category : Backplane Connectors



Documents & Resources

Drawings

760153402_sd.pdf

PK-70873-802-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-45499-002-001.pdf

PS-75710-999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Backplane Connectors
Series	76015
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
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Product Name	GbX I-Trac
UPC	822350957731

Agency

UL	E29179

Electrical

Current - Maximum per Contact	1.0A
Data Rate	12.0 Gbps
Shielded	No
Shield Type	N/A

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	5.101/g
Number of Columns	4
Number of Pairs	4, Open Pin Field
Number of Rows	7
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.10mm
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

Application Tooling