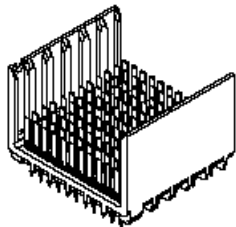




Part Number: 76015-0624

1.85mm by 3.70mm Pitch, GbX I-Trac™ Vertical Header Module, Unguided, Dual End Walls, 7 Rows, 6 Columns, 84 Circuits, Mating Pin Length 5.70mm




Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	76015
Category:	Backplane Connectors
Overview:	GbX I-Trac™ Backplane Connector System

Mates With Part(s):
[76020](#) GbX I-Trac™ Right Angle Receptacle Module

Use With:
[78227](#) GbX I-Trac™ Vertical Power Receptacle
[75234](#) Backplane Free Standing Guide Pin

Product Environmental Compliance

[EU RoHS](#): RoHS Compliant by Exemption
[China RoHS](#): 
[REACH SVHC](#):
[Low-Halogen Status](#): Low-Halogen

Part Detail

General	
Status	Obsolete
Category	Backplane Connectors
Series	76015
Application	Backplane, Midplane, Orthogonal
Component Type	PCB Header
Overview	GbX I-Trac™ Backplane Connector System
Product Name	GbX I-Trac™
Style	N/A
UPC	883906945497
Physical	

Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	3.849/g
Number of Columns	6
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
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	1A
Data Rate	12.0 Gbps
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Agency Certification

UL	E29179
----	--------

Material Info

Reference - Drawing Numbers

Product Specification	PS-75710-999
Sales Drawing	SD-76015-001

Application Tooling

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 #
	Backplane Insertion Tool for Signal Contact Insertion	0621005110
	Press-In Tool for Vertical Header 7-Row, 6-Column	0622018608

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)