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Part Number: [0754650503](#)
Status: **Active**
Overview: [gbx_backplane_connector_system](#)
Description: 1.85mm by 1.85mm (.073" by .073") Pitch 4 Pair GbX® Backplane L-Series Connector System, Open Header, 55 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 3.55mm (.140")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-75221-999 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [75465](#)
 Application Backplane
 Application Tooling Documents [Tooling Manual](http://www.molex.com/pdm_docs/ats/TM-622022099.pdf)
 Comments Open Header
 Component Type PCB Header
 Overview [gbx_backplane_connector_system](#)
 Product Name GbX®
 Style N/A

Physical

Circuits (Loaded) 55
 Circuits (maximum) 55
 Color - Resin Gray (Dark)
 Durability (mating cycles max) 250
 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
 Number of Columns 5
 Number of Pairs 4
 Number of Rows 11
 Orientation Vertical
 PC Tail Length (in) 0.087 In
 PC Tail Length (mm) 2.20 mm
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.062 In
 PCB Thickness Recommended (mm) 1.60 mm
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.073 In
 Pitch - Mating Interface (mm) 1.85 mm
 Plating min: Mating (µin) 30
 Plating min: Mating (µm) 0.76
 Plating min: Termination (µin) 30
 Plating min: Termination (µm) 0.76
 Polarized to PCB Yes

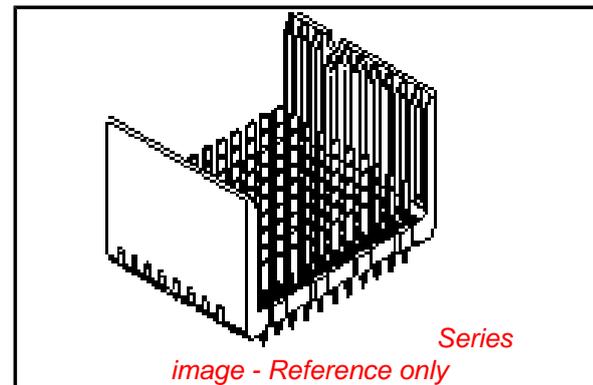


image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[75465Series](#)

Mates With

GbX® Daughtercards [75420](#) , [75426](#)

Application Tooling | FAQ

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 #
GbX® Backplane 4 Pair By 5 Wide L Series Insertion Tool	0622022015
GbX® Single Pin Repair Tool	0622022090

Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	149
Voltage - Maximum	120V AC (RMS)/DC

Material Info

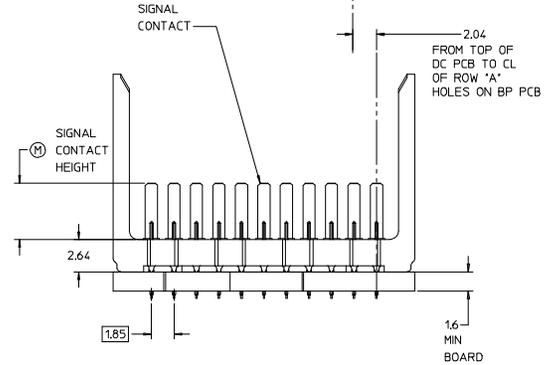
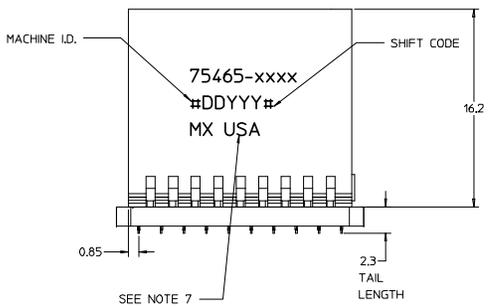
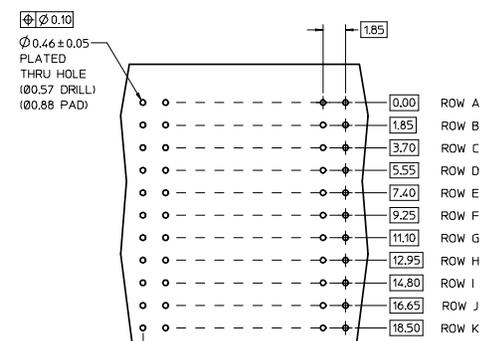
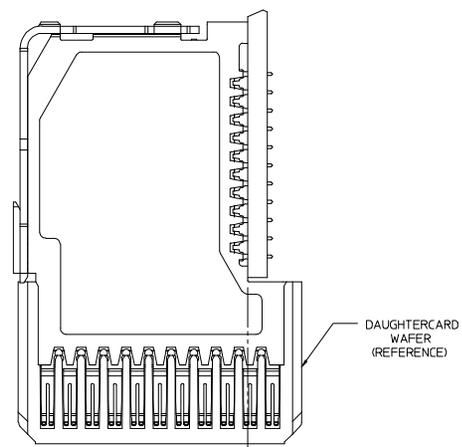
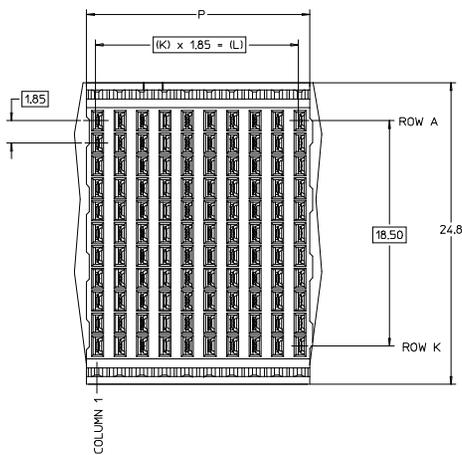
Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75465-010

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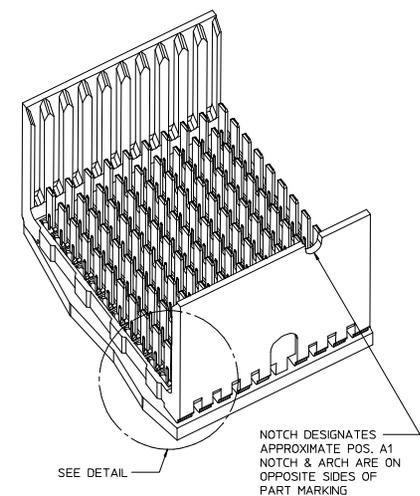
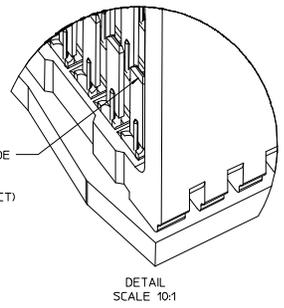
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75465-*0***

COLUMN	PIN LENGTH DIM 'M'
01-10	3 - 3.55 mm (30µ Au)
02-25	4 - 4.55 mm (30µ Au)
05- 5	5 - 5.55 mm (30µ Au)
	7 - 3.55 mm (50µ Au)
	8 - 4.55 mm (50µ Au)
	9 - 5.55 mm (50µ Au)

KEYING POSITION NONE = 0



- NOTES:**
- MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94V-0. COLOR - GRAY. SIGNAL CONTACT - HIGH PERFORMANCE COPPER ALLOY.
 - FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA. SELECTIVE TIN/LEAD (Sn/Pb) ON PCB TAILS. NICKEL (Ni) OVERALL.
 - THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
 - FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
 - 10 COLUMN 4 PAIR L-SERIES SHOWN FOR ILLUSTRATION PURPOSES ONLY.
 - FOR SPECIFIC PART NUMBER AND MATING INFORMATION PLEASE REFER TO CHART.
 - PACKAGE PER PK-70873-563.
 - EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
 - THIS PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

PART NUMBER TABLE

ASSY PART NO.	K	L	P	TOTAL NO. OF CONTACTS
75465-010*	9	16.65	18.35	110
75465-020*	24	44.40	46.10	275
75465-050*	4	7.40	9.10	55

REVISED (MINOR) EC NO: UCP2008-7538 DRWN: BINGHAM 2008/04/15 CHKD: 2008/04/16 APPR: LAURX 2008/04/25	QUALITY SYMBOLS 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED) .mm INCH	SCALE 5:1 DESIGN UNITS METRIC	THIRD ANGLE PROJECTION REVISE ON CAD ONLY
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± ---°	DIMENSION STYLE MM ONLY DRAWN BY NMARTIN DATE 2004/05/13 CHECKED BY SREED DATE 2004/05/13	TITLE GBX 4-PAIR L-SERIES OPEN END BACKPLANE SALES ASSEMBLY DRAWING
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY CBIXLER DATE 2004/05/13 MATERIAL NO. SEE CHART DOCUMENT NO. SD-75465-010	MOLEX INCORPORATED SHEET NO. 1 OF 1
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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