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Part Number: [0754652204](#)
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, Left Guide Header, 275 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 4.55mm (.179")

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
Comments Left Guide Header, No Keying Position
Component Type PCB Header
Overview [gbx_backplane_connector_system](#)
Product Name GbX®
Style N/A

Physical

Circuits (Loaded) 275
Circuits (maximum) 275
Color - Resin Gray (Dark)
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), Stainless Steel
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Number of Columns 25
Number of Pairs 4
Number of Rows 11
Orientation Vertical
PC Tail Length (in) 0.091 In
PC Tail Length (mm) 2.30 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.063 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
Pitch - Term. Interface (in) 0.073 In
Pitch - Term. Interface (mm) 1.85 mm
Plating min: Mating (µin) 30
Plating min: Mating (µm) 0.76

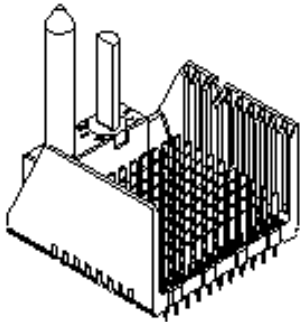


image - Reference only

Series

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](#)

Plating min: Termination (μin)	30
Plating min: Termination (μm)	0.76
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	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
Shield Type	N/A
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

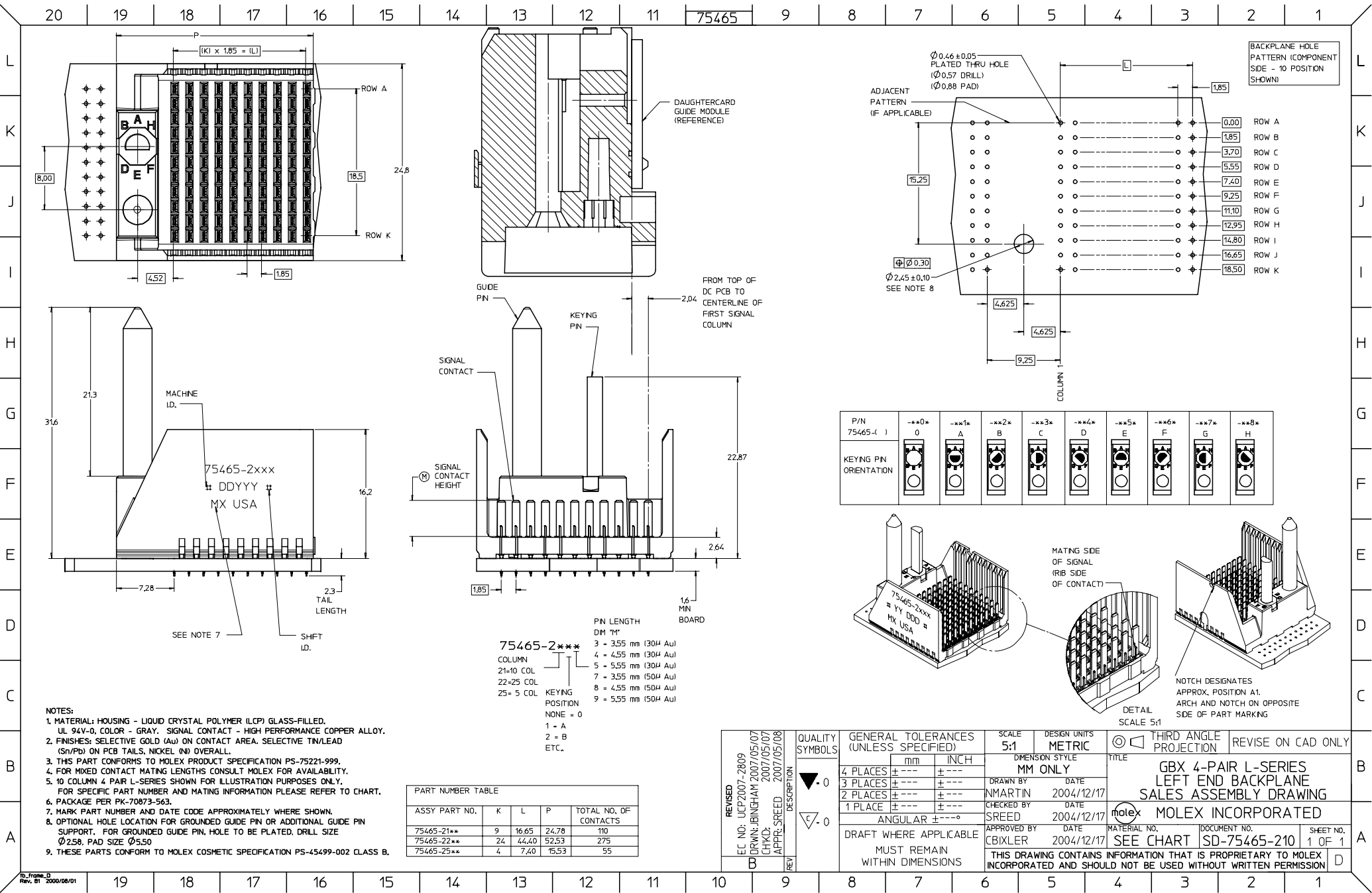
Reference - Drawing Numbers

Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75465-210

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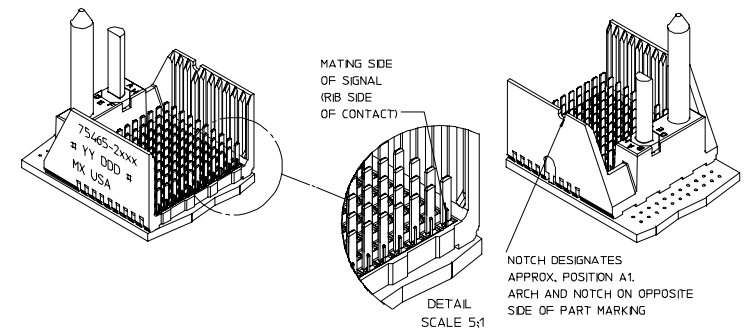
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- NOTES:
1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY. SIGNAL CONTACT - HIGH PERFORMANCE COPPER ALLOY.
 2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA. SELECTIVE TIN/LEAD (Sn/Pb) ON PCB TAILS. NICKEL (Ni) OVERALL.
 3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
 4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
 5. 10 COLUMN 4 PAIR L-SERIES SHOWN FOR ILLUSTRATION PURPOSES ONLY. FOR SPECIFIC PART NUMBER AND MATING INFORMATION PLEASE REFER TO CHART.
 6. PACKAGE PER PK-70873-563.
 7. MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN.
 8. OPTIONAL HOLE LOCATION FOR GROUNDED GUIDE PIN OR ADDITIONAL GUIDE PIN SUPPORT. FOR GROUNDED GUIDE PIN, HOLE TO BE PLATED, DRILL SIZE $\varnothing 2.58$, PAD SIZE $\varnothing 5.50$.
 9. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF CONTACTS
75465-21**	9	16.65	24.78	110
75465-22**	24	44.40	52.53	275
75465-25**	4	7.40	15.53	55

P/N	75465-4	0	1	2	3	4	5	6	7	8
KEYING PIN ORIENTATION										



REVISED	EC NO: UCP2007-2809 DRWN: JINGHAM 2007/05/07 CHKD: 2007/05/07 APPR: SREED 2007/05/08	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	B	
						5:1	METRIC					
									DIMENSION STYLE			TITLE
						mm	INCH		MM ONLY			
			4 PLACES	±	---	±	---	GBX 4-PAIR L-SERIES LEFT END BACKPLANE SALES ASSEMBLY DRAWING				
			3 PLACES	±	---	±	---	DRAWN BY NMARTIN DATE 2004/12/17				
			2 PLACES	±	---	±	---	CHECKED BY SREED DATE 2004/12/17				
			1 PLACE	±	---	±	---	MOLEX MOLEX INCORPORATED				
				ANGULAR ±°								
				DRAFT WHERE APPLICABLE		APPROVED BY CBIXLER DATE 2004/12/17		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	A	
				MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SEE CHART	SD-75465-210	1 OF 1		



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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