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Part Number: [0752350704](#)
Status: **Active**
Overview: [gbx_backplane_connector_system](#)
Description: 1.85mm by 1.85mm (.073 by .073") Pitch 4-Pair GbX® Backplane Connector System, Open Header, 56 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

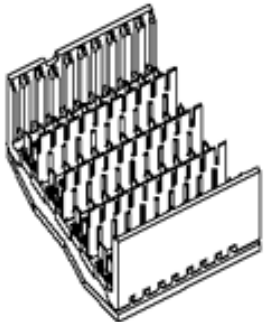
UL E29179

General

Product Family Backplane Connectors
Series [75235](#)
Application Backplane
Application Tooling Documents Tooling Manual
Comments Open Header
Component Type PCB Header
Overview [gbx_backplane_connector_system](#)
Product Name GbX®
Style N/A

Physical

Circuits (Loaded) 56
Circuits (maximum) 56
Color - Resin Gray (Dark)
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
Number of Columns 7
Number of Pairs 4
Number of Rows 8
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
Plating min: Termination (µin) 30



Series

image - Reference only

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
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
[75235Series](#)

Mates With
[75220 GbX® Daughtercard](#)

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 #
Insertion Tool for GbX® 4 Pair by 7 Column	0622022120

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)	108
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

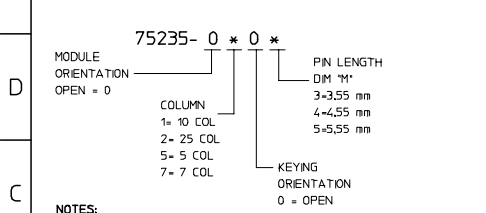
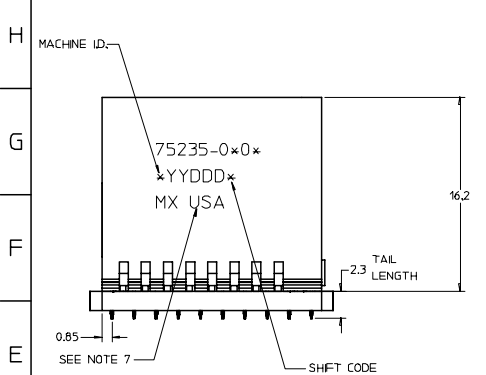
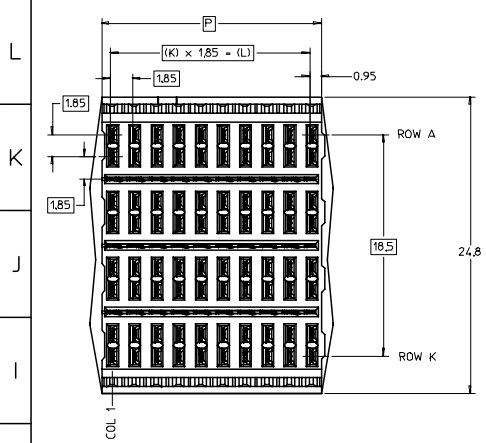
Material Info

Reference - Drawing Numbers

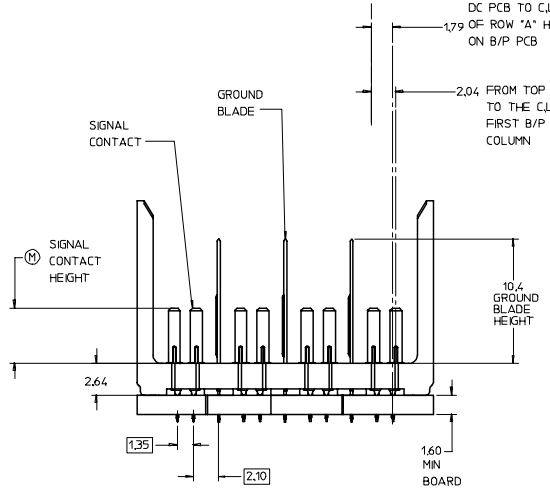
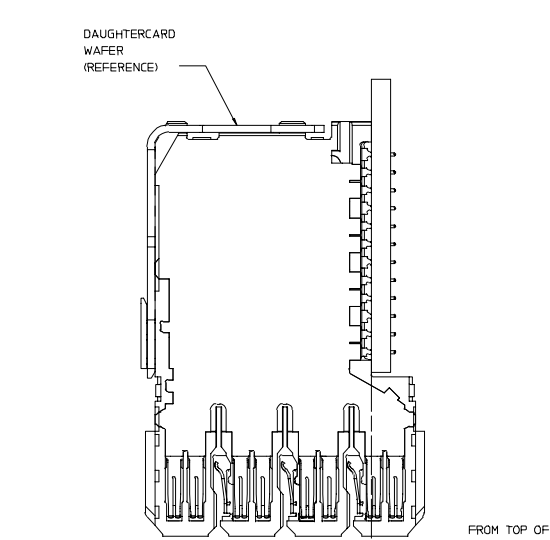
Packaging Specification	PK-70873-563
Product Specification	PS-75221-999
Sales Drawing	SD-75235-010

GbX is a registered trademark of Amphenol Corporation.

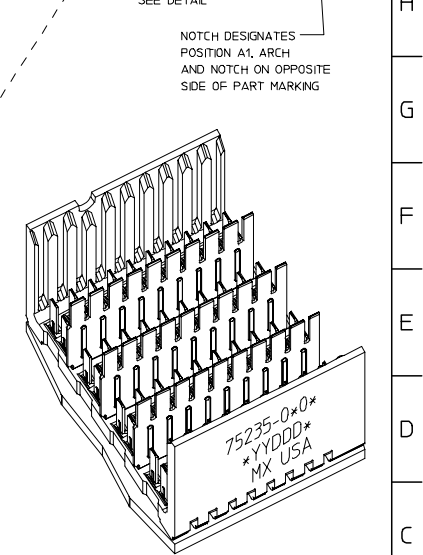
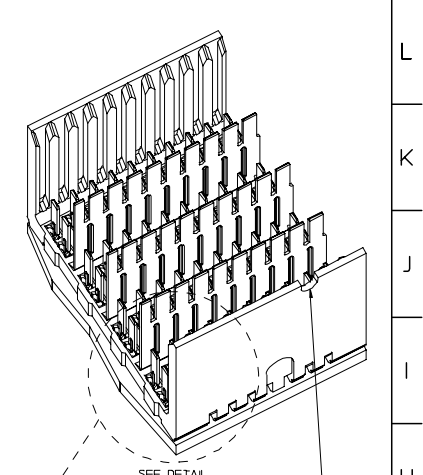
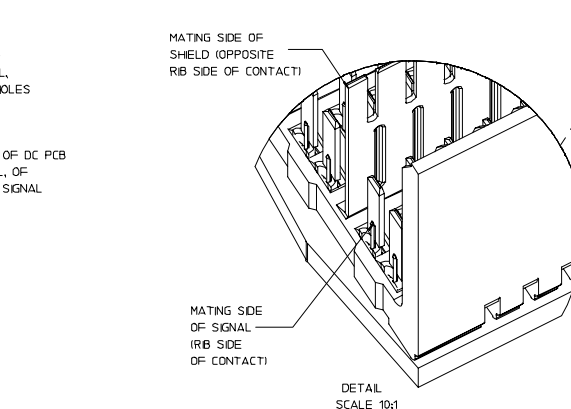
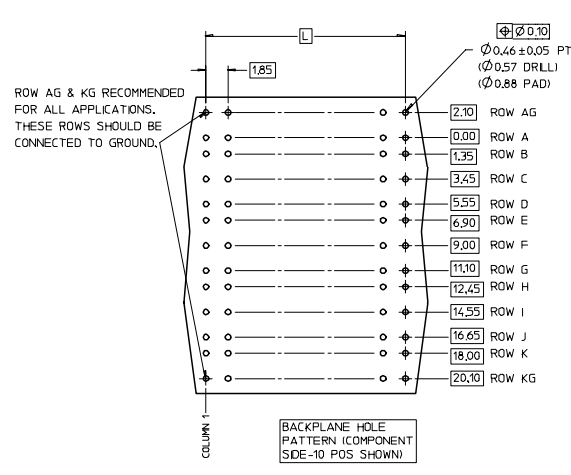
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- NOTES:
1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94V-0, COLOR - GRAY, SIGNAL CONTACT AND GROUND BLADE - HIGH PERFORMANCE COPPER ALLOY.
 2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA, SELECTIVE TIN/LEAD (Sn/Pb) ON PCB 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. CONTACT PAIRS MUST BE THE SAME LENGTH.
 5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION PLEASE REFER TO CHART.
 6. PACKAGE PER PK-70873-563.
 7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
 8. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.



PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75235-010*	9	16.65	18.35	40
75235-020*	24	44.40	46.10	100
75235-050*	4	7.40	9.10	20
75235-070*	6	11.10	12.80	28



ADD 5-COLUMN PART EC NO.: UCP2008-0890 DRAWN: JINGGHAI 2007/11/15 CHKD: 2007/11/16 APPR: LAURX 2007/11/16		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	B	
				mm	INCH	DIMENSION STYLE					FILE
			0.0	4 PLACES	± ---	± ---	MM ONLY		GBX 4-PAIR OPEN END BACKPLANE ASSEMBLY SALES DRAWING		
				3 PLACES	± ---	± ---	DRAWN BY DATE				
				2 PLACES	± 0.13	± ---	NMARTIN 2003/04/25				
		0.0	1 PLACE	± 0.25	± ---	CHECKED BY DATE		MOLEX MOLEX INCORPORATED			
			ANGULAR		± ---°	SREED 2003/04/25					
			DRAFT WHERE APPLICABLE		APPROVED BY DATE		MATERIAL NO. DOCUMENT NO.		SHEET NO. 1 OF 1	A	
			MUST REMAIN WITHIN DIMENSIONS		CBIXLER 2003/04/25		SEE CHART SD-75235-010				
		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								D



**Стандарт
Электрон
Связь**

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Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

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С нами вы становитесь еще успешнее!

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