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Part Number:	**0754334234**
Status:	**Active**
Overview:	gbx_backplane_connector_system
Description:	1.85mm by 1.85mm (.073 by .073") Pitch 3-Pair GbX® Backplane Connector System, Right Guide Header, 150 Circuits, Gold (Au) 0.76µm (30µ"), Pin Length 4.55mm (.179")

Documents:

Packaging Specification (PDF)	Product Specification PS-75221-999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

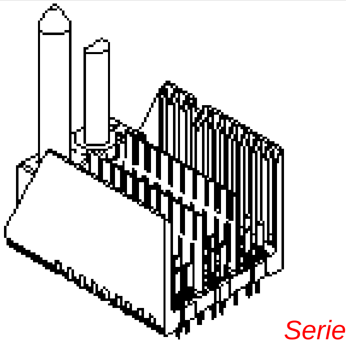
UL	E29179

General

Product Family	Backplane Connectors
Series	75433
Application	Backplane
Application Tooling Documents	Tooling Manual
Comments	Right Guide Header, Keying Position C
Component Type	PCB Header
Overview	gbx_backplane_connector_system
Product Name	GbX®
Style	N/A

Physical

Circuits (Loaded)	150
Circuits (maximum)	150
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	Yes
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	3
Number of Rows	6
Orientation	Vertical
PC Tail Length (in)	0.087 In
PC Tail Length (mm)	2.20 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
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 **China RoHS**
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

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
75433Series

Mates With
75370 GbX® Daughtercards

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® Single Pin Repair Tool	0622022090
GbX® Shield Removal Tool	0622022100
GbX® 3 Pair by 25 Wide Differential Insertion Tool	0622022530

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)	81
Shield Type	Ground Plane Shield
Shielded	Yes
Voltage - Maximum	120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-572
Product Specification	PS-75221-999
Sales Drawing	SD-75433-410

GbX is a registered trademark of Amphenol Corporation.

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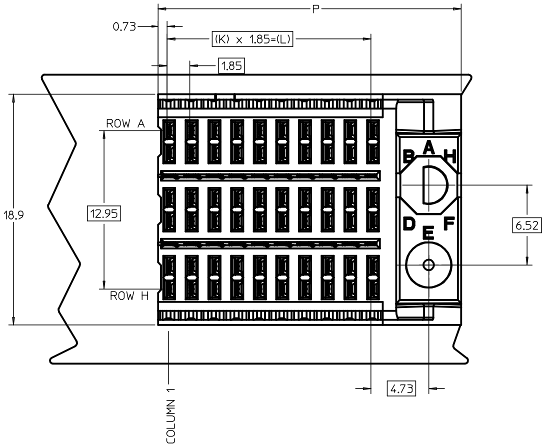
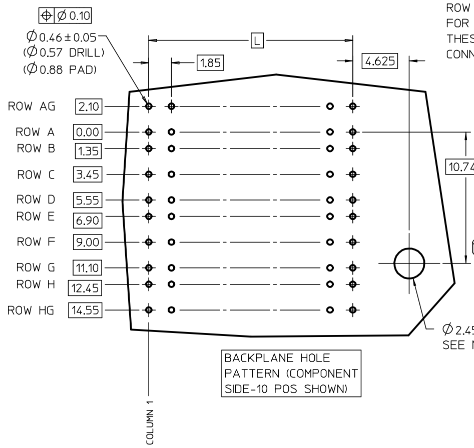
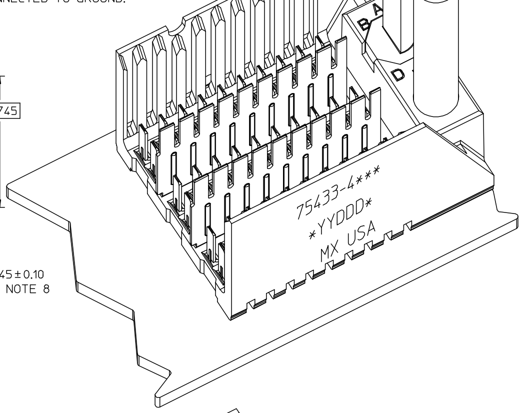
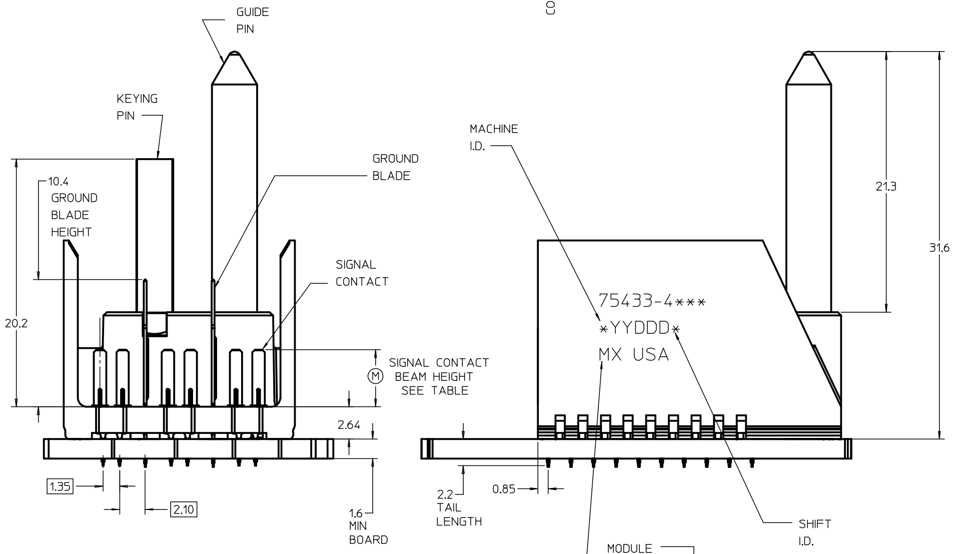
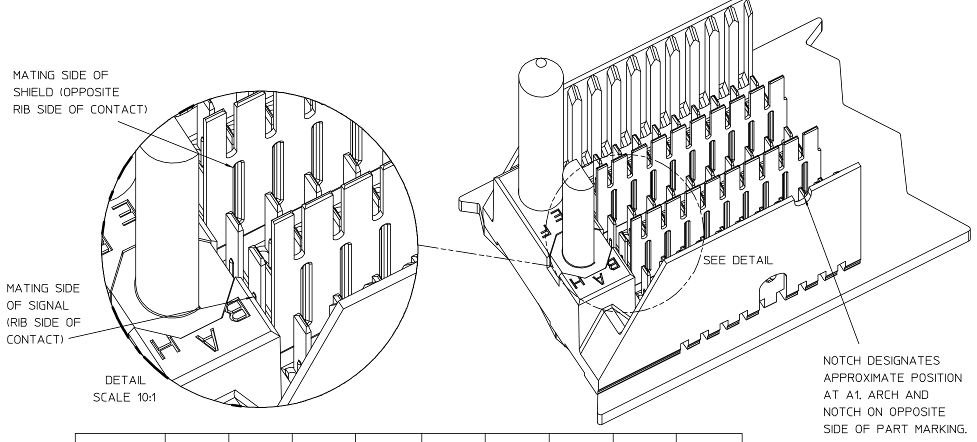




ROW AG & HG RECOMMENDED FOR ALL APPLICATIONS. THESE ROWS SHOULD BE CONNECTED TO GROUND.






MATING SIDE OF SHIELD (OPPOSITE RIB SIDE OF CONTACT)
MATING SIDE OF SIGNAL (RIB SIDE OF CONTACT)
DETAIL SCALE 10:1
SEE DETAIL
NOTCH DESIGNATES APPROXIMATE POSITION AT A1. ARCH AND NOTCH ON OPPOSITE SIDE OF PART MARKING.
A
H
B
E

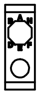
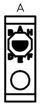
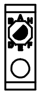
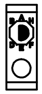
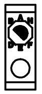
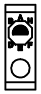
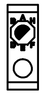
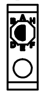
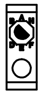
MODULE ORIENTATION RIGHT = 4

75433-4 * * *

KEYING ORIENTATION
0=NONE
1=A
2=B
ETC...

COLUMN
1=10 COL
2=25 COL
5= 5 COL

PIN LENGTH DIM "M"
3=3.55 mm
4=4.55 mm
5=5.55 mm

P/N 75433-( )	-**0* 0	-**1* A	-**2* B	-**3* C	-**4* D	-**5* E	-**6* F	-**7* G	-**8* H
KEYING PIN ORIENTATION									

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-70873-572.**
7. **EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.**
8. **OPTIONAL HOLE LOCATION FOR GROUNDED GUIDE PIN OR ADDITIONAL GUIDE PIN SUPPORT. FOR GROUNDED GUIDE PIN, HOLE TO BE PLATED, DRILL SIZE Ø2.58, PAD SIZE Ø5.50**
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 DIFFERENTIAL PAIRS
75433-41**	9	16.65	24.78	30
75433-42**	24	44.40	52.53	75
75433-45**	4	7.40	15.53	15

REVISED (MINOR)
EC NO: UCP2009-1704
DRWN: JBINGHAM 2009/01/12
CH'KD: 2009/01/12
APPR: JLAURX 2009/01/13
DESCRIPTION
C1
REV

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
▼ = 0	4 PLACES	± ---	± ---
	3 PLACES	± ---	± ---
	2 PLACES	± ---	± ---
Ⓒ = 0	1 PLACE	± ---	± ---
	ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DIMENSION STYLE MM ONLY		
DRAWN BY NMARTIN	DATE 2005/02/20	
CHECKED BY SREED	DATE 2005/02/20	
APPROVED BY CBIXLER	DATE 2005/02/20	

REVISE ON CAD ONLY

TITLE

GBX 3-PAIR RIGHT END BACKPLANE SALES ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-75433-410	1 OF 1

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tb_frame_D
Rev. B1 2000/08/01

EPlast1.ru

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;
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- 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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