

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0753417776

Status:

Active

Overview:

gbx_backplane_connector_system

Description:

1.85mm by 1.85mm (.073 by .073") Pitch 4-Pair GbX® Backplane Connector System, Power Module, 12 Circuits, 1.27µm (50µ") Gold (Au)

Documents:

Drawing (PDF)

Product Specification PS-75221-999 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

75341

Application

Backplane

Application Tooling Documents

Tooling Manual

Comments

Blade Length A 7.50mm, B 7.50mm, C 7.50mm, D 6.00mm

Component Type

Power Header

Overview

gbx_backplane_connector_system

Product Name

GbX®

Style

N/A

Physical

Circuits (Loaded)

8

Circuits (maximum)

8

Circuits Detail

Rows A, B, C, & D

Color - Resin

Gray

Durability (mating cycles max)

200

First Mate / Last Break

Yes

Flammability

94V-0

Guide to Mating Part

No

Keying to Mating Part

None

Material - Plating Mating

Gold

Material - Plating Termination

Tin-Lead

Material - Resin

High Temperature Thermoplastic

Number of Columns

N/A

Number of Pairs

4

Number of Rows

4

Orientation

Vertical

PC Tail Length (in)

0.089 In

PC Tail Length (mm)

2.28 mm

PCB Locator

Yes

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)

0.102 In

Pitch - Term. Interface (mm)

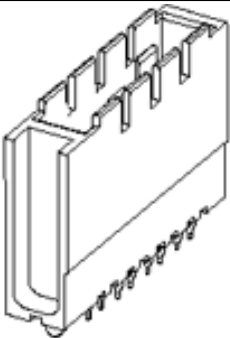
2.60 mm

Plating min: Mating (µin)

50

Plating min: Mating (µm)

1.25



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

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

75341Series

Mates With

75292 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 Module, GbX® 4 pair 1- Up Power Module	0622022005
GbX® Single Pin Repair Tool	0622022090
GbX® Shield Removal Tool	0622022100

Plating min: Termination (μin)	30
Plating min: Termination (μm)	0.75
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	6A
Data Rate	8.0 Gbps
Real Signals (per 25mm)	0
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

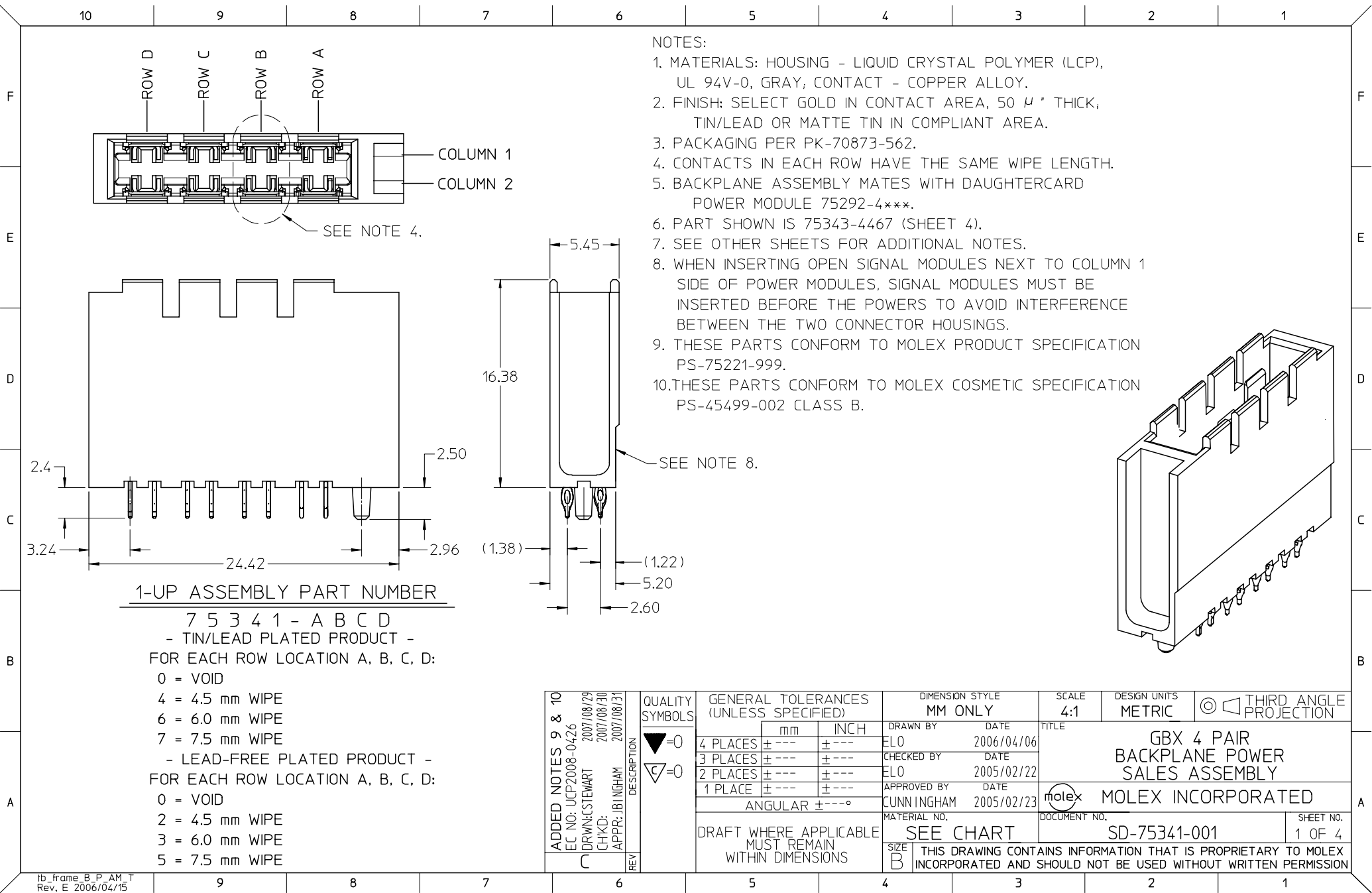
Material Info

Reference - Drawing Numbers

Product Specification	PS-75221-999
Sales Drawing	SD-75341-001

GbX is a registered trademark of Amphenol Corporation.

This document was generated on 05/14/2010
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



ADDED NOTES 9 & 10 EC NO: UCP2008-0426 DRAWN: STEWART 2007/08/29 CHKD: 2007/08/30 APPR: J. B. INGHAM 2007/08/31	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY	DATE	TITLE GBX 4 PAIR BACKPLANE POWER SALES ASSEMBLY				
					CHECKED BY	DATE					
					APPROVED BY	DATE					
			4 PLACES ± --- ± ---		EL0	2006/04/06	MOLEX MOLEX INCORPORATED				
			3 PLACES ± --- ± ---		ELO 2005/02/22						
			2 PLACES ± --- ± ---		CUNNINGHAM 2005/02/23		SD-75341-001				
1 PLACE ± --- ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 4					
ANGULAR ± --- °		SEE CHART		SD-75341-001							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1



2-UP ASSEMBLY PART NUMBER

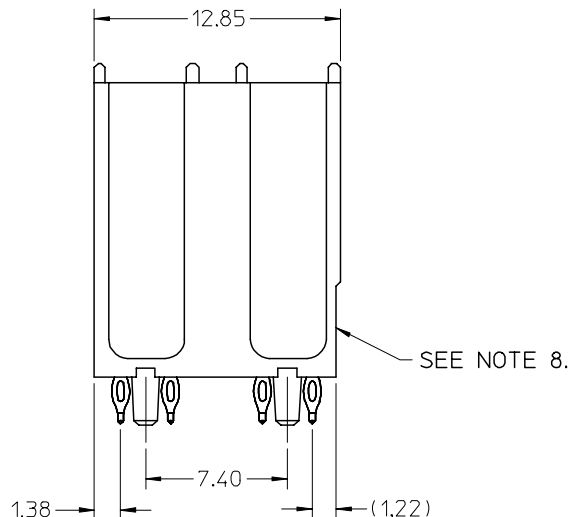
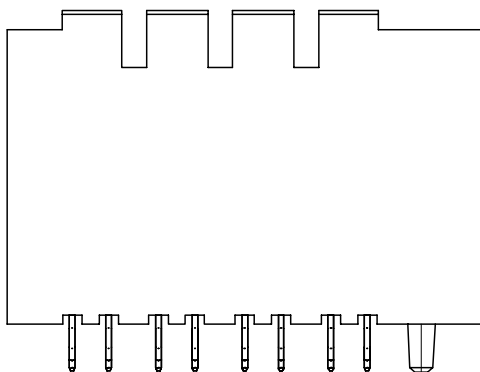
7 5 3 4 2 - A B C D

- TIN/LEAD PLATED PRODUCT -
FOR EACH ROW LOCATION A, B, C, D:

0 = VOID
4 = 4.5 mm WIPE
6 = 6.0 mm WIPE
7 = 7.5 mm WIPE

- LEAD-FREE PLATED PRODUCT -
FOR EACH ROW LOCATION A, B, C, D:

0 = VOID
2 = 4.5 mm WIPE
3 = 6.0 mm WIPE
5 = 7.5 mm WIPE



SEE SHEET 1 FOR ADDITIONAL INFORMATION
CHECK WITH PRODUCT MANAGER FOR AVAILABILITY

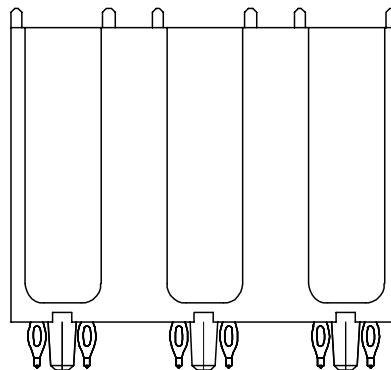
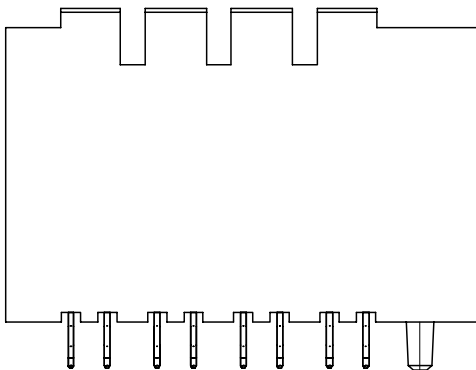
SEE SHEET ONE EC NO: UCP2008-0426 DRAWN: STEWART CHKD: J. B. INGHAM APPR: J. B. INGHAM	2007/08/29 2007/08/30 2007/08/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY ELO	DATE 2006/04/06	GBX 4 PAIR BACKPLANE POWER SALES ASSEMBLY				
				4 PLACES	± ---	± ---	CHECKED BY	DATE					
				3 PLACES	± ---	± ---	ELO	2005/02/22					
				2 PLACES	± ---	± ---	APPROVED BY	DATE					
				1 PLACE	± ---	± ---	CUNNINGHAM	2005/02/23	MOLEX INCORPORATED		SD-75341-001		
				ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 2 OF 4					
						SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1



COLUMN 1
COLUMN 2
COLUMN 3
COLUMN 4
COLUMN 5
COLUMN 6

SEE NOTE 4.



SEE NOTE 8.

3-UP ASSEMBLY PART NUMBER

7 5 3 4 3 - A B C D

- TIN/LEAD PLATED PRODUCT -

FOR EACH ROW LOCATION A, B, C, D:

0 = VOID

4 = 4.5 mm WIPE

6 = 6.0 mm WIPE

7 = 7.5 mm WIPE

- LEAD-FREE PLATED PRODUCT -

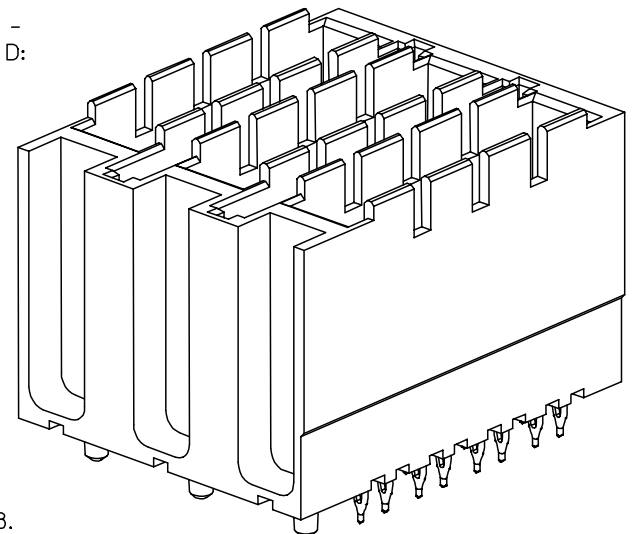
FOR EACH ROW LOCATION A, B, C, D:

0 = VOID

2 = 4.5 mm WIPE

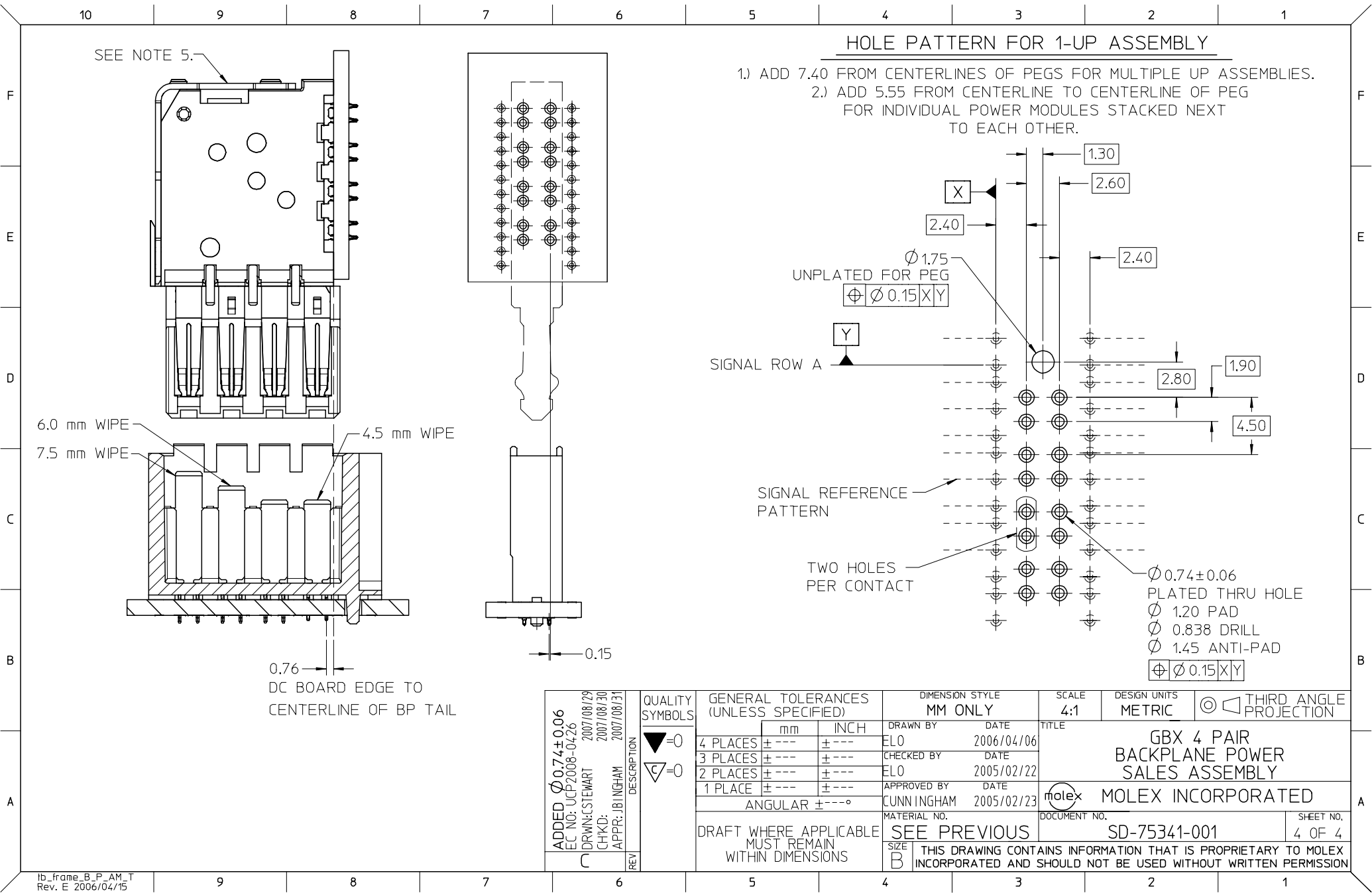
3 = 6.0 mm WIPE

5 = 7.5 mm WIPE



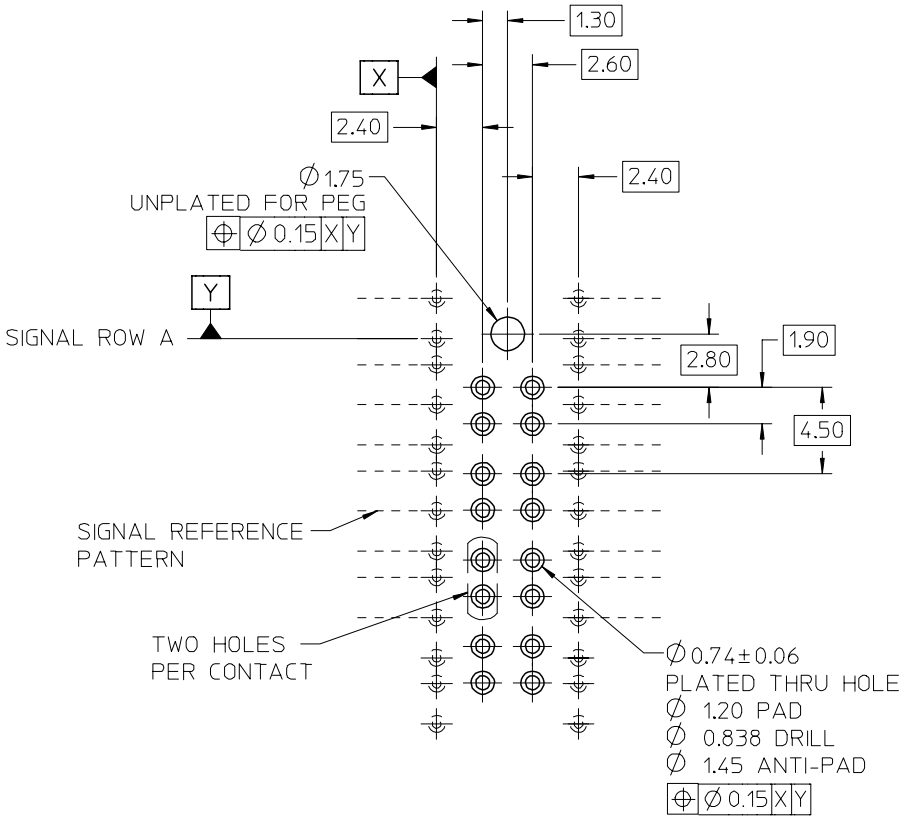
SEE SHEET 1 FOR ADDITIONAL INFORMATION
CHECK WITH PRODUCT MANAGER FOR AVAILABILITY

SEE SHEET ONE EC NO: UCP2008-0426 DRW: J. STEWART 2007/08/29 CHKD: J. STEWART 2007/08/30 APPR: J. INGHAM 2007/08/31	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY ELO	DATE 2006/04/06	GBX 4 PAIR BACKPLANE POWER SALES ASSEMBLY					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	ELO	2005/02/22						
			2 PLACES	± ---	± ---	APPROVED BY	DATE						
			1 PLACE	± ---	± ---	CUNNINGHAM	2005/02/23	 MOLEX INCORPORATED	SD-75341-001				
			ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							3 OF 4	
			REV	C		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



HOLE PATTERN FOR 1-UP ASSEMBLY

- 1.) ADD 7.40 FROM CENTERLINES OF PEGS FOR MULTIPLE UP ASSEMBLIES.
2.) ADD 5.55 FROM CENTERLINE TO CENTERLINE OF PEG
FOR INDIVIDUAL POWER MODULES STACKED NEXT
TO EACH OTHER.



ADDED $\varnothing 0.74 \pm 0.06$ EC NO: UCP2008-0426 DRAWN: STEWART 2007/08/29 CHKD: 2007/08/30 APPR: J. BINGHAM 2007/08/31	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE GBX 4 PAIR BACKPLANE POWER SALES ASSEMBLY			
		4 PLACES	± ---	± ---	ELO	2006/04/06				
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED			
		2 PLACES	± ---	± ---	ELO	2005/02/22				
		1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
			CUNNINGHAM	2005/02/23						
REV C	DESCRIPTION	ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE PREVIOUS		SD-75341-001		4 OF 4		
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А