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Part Number:

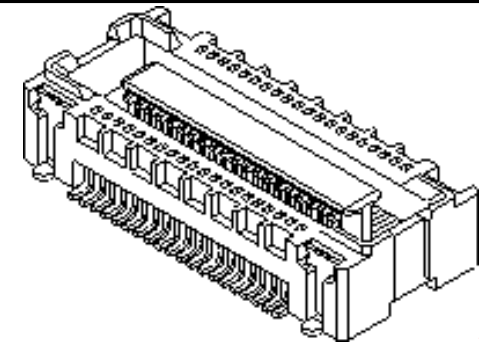
5009130502

Status:

Active

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board Receptacle-Header, Surface Mount, Dual Row, Vertical Stacking, Mated Height of 1.80mm (071"), with Solder Tabs, 50 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-500913-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	500913
Application	Board-to-Board
Comments	Solder Tab Plating: Lead-Free, Tin
Product Name	SlimStack™

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (in)	0.071 In
Mated Height (mm)	1.80 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.000 In
PC Tail Length (mm)	0.00 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.000 In
PCB Thickness Recommended (mm)	0.00 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Pitch - Term. Interface (in)	0.016 In
Pitch - Term. Interface (mm)	0.40 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
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EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



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
500913Series

Mates With
55909 PCB Header

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-500913-001, RPS-500913-001, RPS-500913-003,
RPS-500913-005

Sales Drawing

SD-500913-001, SD-500913-002

This document was generated on 04/19/2010

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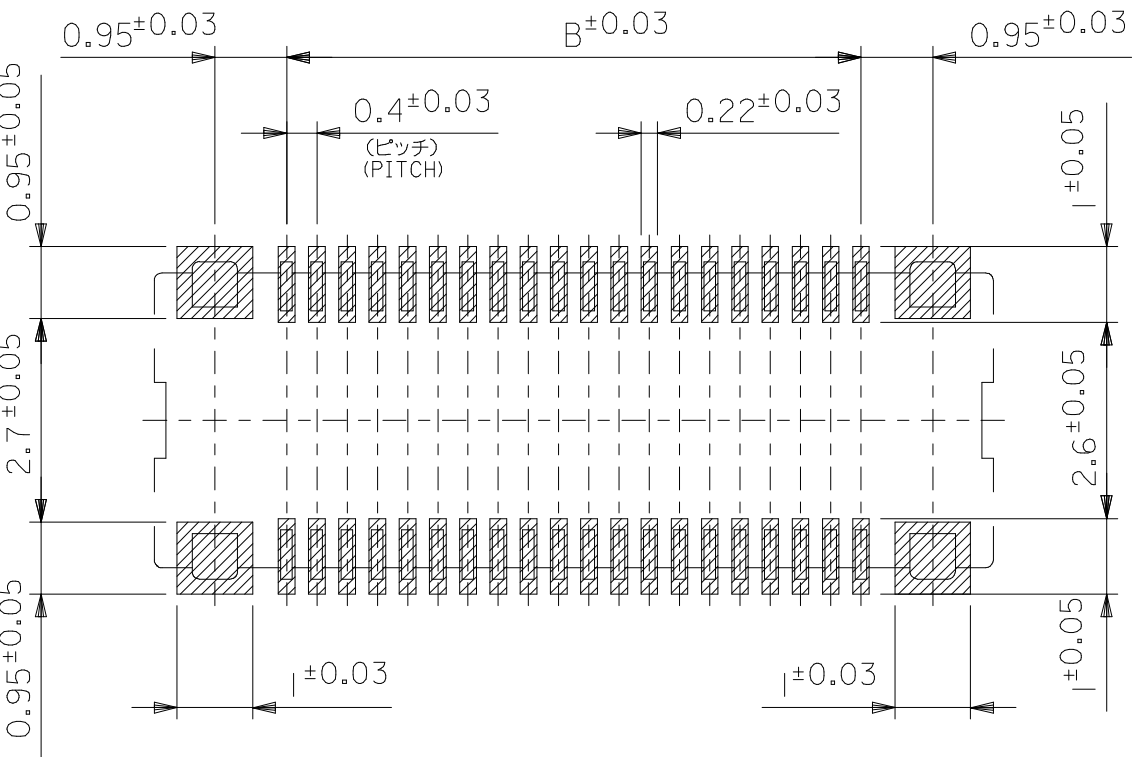
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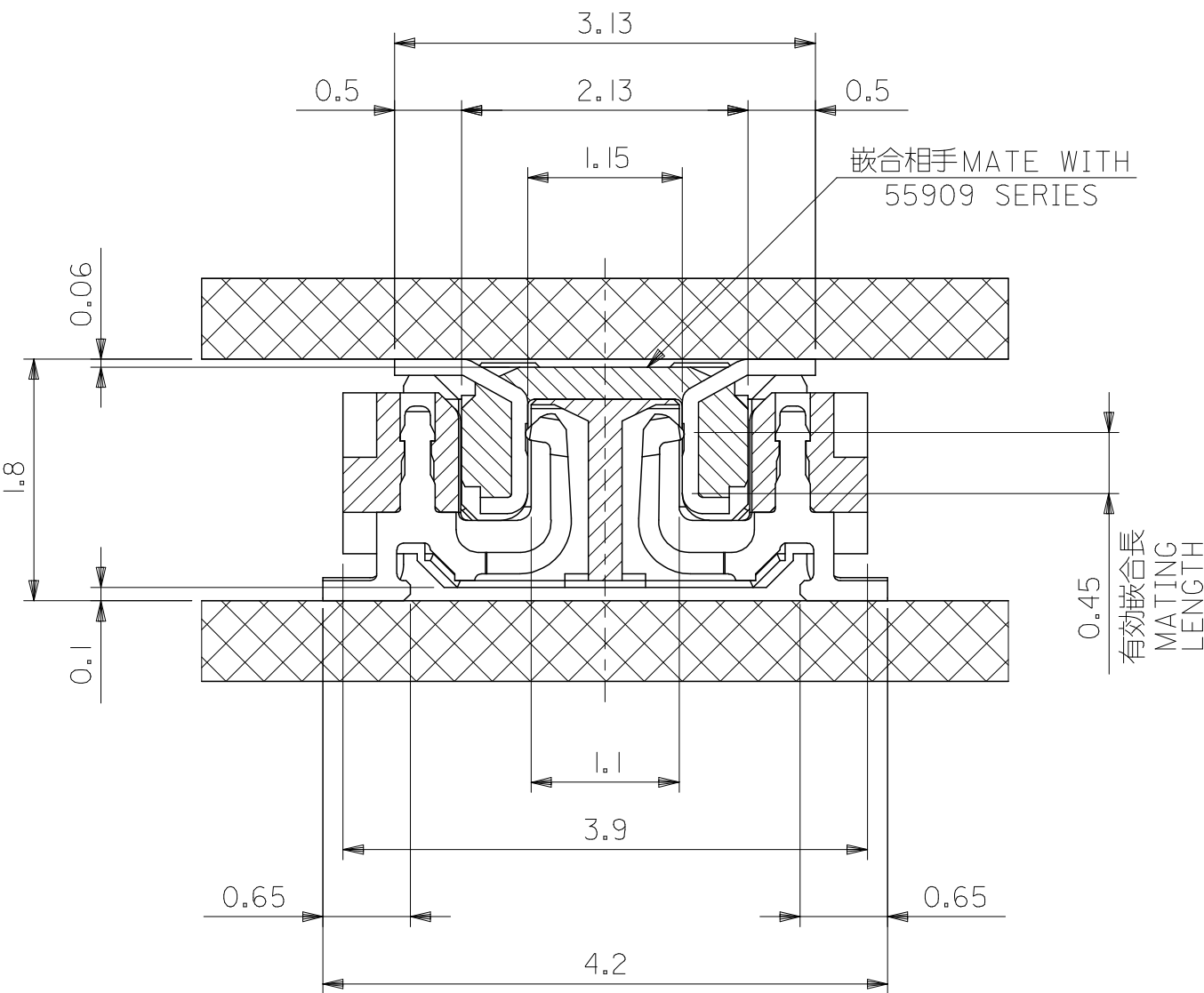
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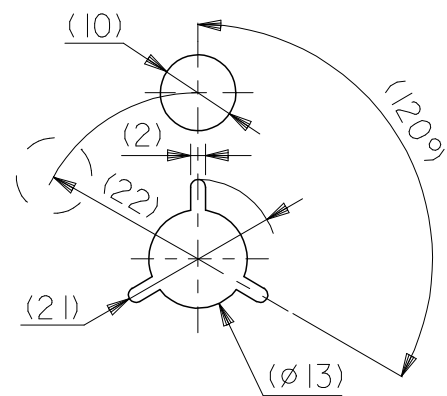
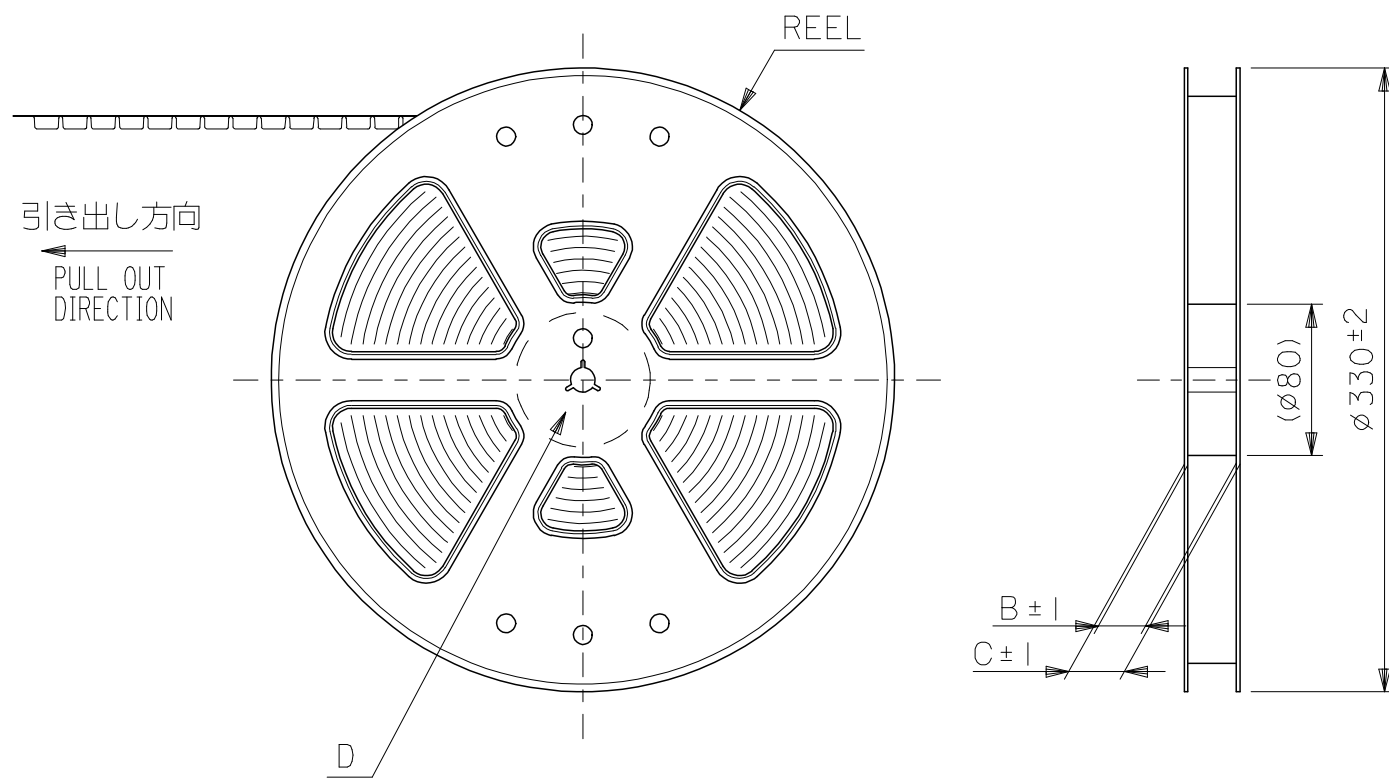


参考基板レイアウト (マウント面)
P.C.BOARD PATTERN DIMENSION. (REFERENCE)
(MOUNTING AREA)

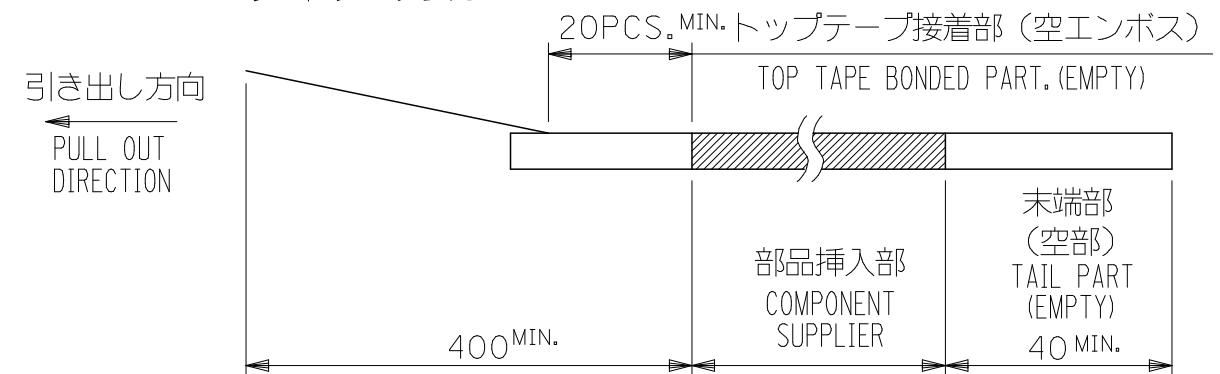


嵌合断面図 (参考)
MATED DRAWING (REFERENCE)

REVISED	EC NO: J2007-1419	DRWN:MNABEI 2006/11/16	CH'KD:KTOYODA 2006/11/20	APPR:NUKITA 2006/11/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
						10 UNDER	± ---	DRAWN BY R. SUMIYA		DATE 2004/04/19		TITLE 0.4 B-TO-B CONN REC HSG ASSY (HGT=1.8MM) -LEAD FREE-			
						10 OVER 30 UNDER	± ---	CHECKED BY M. SASAO		DATE 2004/04/19					
						30 OVER	± ---	APPROVED BY M. SASAO		DATE 2004/04/19		MOLEX MOLEX INCORPORATED			
						ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.					
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-500913-001				2 OF 2	
REV						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

DETAIL DNOTES

- 製品詳細寸法については製品単体図面SD-500913-001を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING NO. SD-500913-001.
- 梱包数量：1500個／リール
NUMBER OF CONNECTORS：1500PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 材料 MATERIAL
キャリアテープ (CARRIER TAPE)：ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE)：PET , PE , PEF
リール (REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

REVISED	EC NO: J2007-1419	DRWN: MNABEI	2006/11/16				
				CH'KD: KTOYODA	2006/11/20		
						APPR: NUKITA	2006/11/21

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SIZE
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DOCUMENT NO.
SD-500913-002

SHEET NO.
1 OF 4

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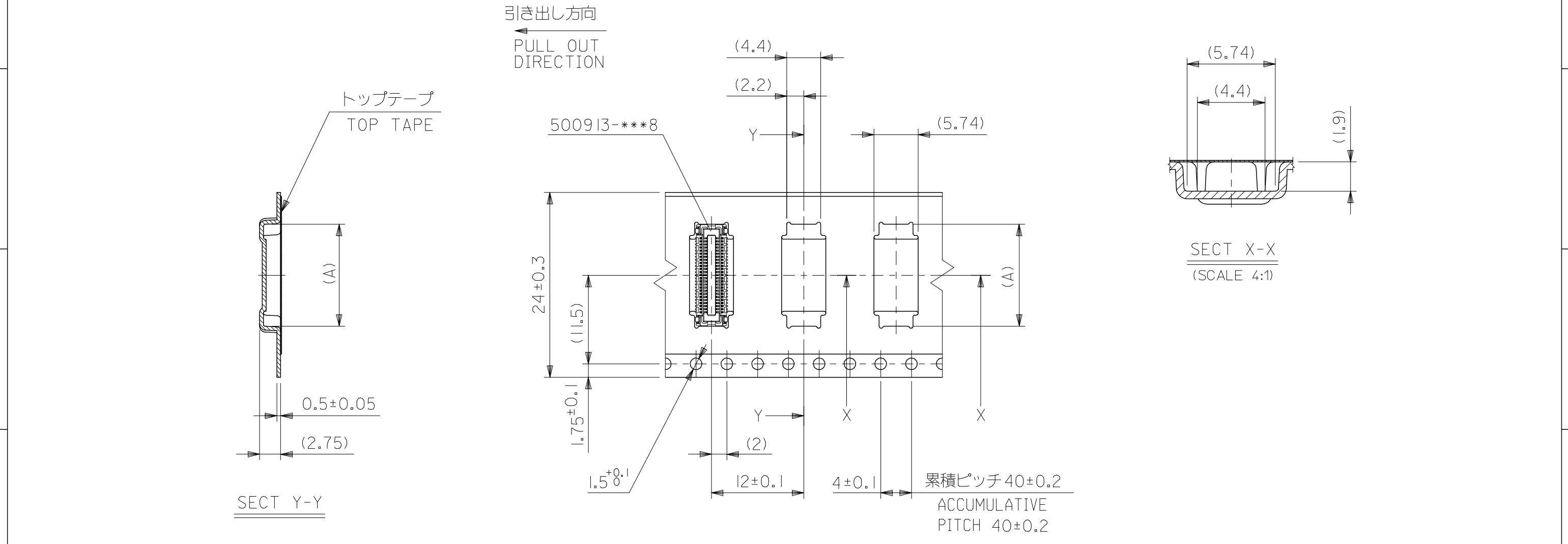
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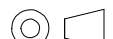
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24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	15.26	500913-0602	60
			13.26	500913-0502	50
			11.26	500913-0402	40
			9.26	500913-0302	30
			8.06	500913-0242	24
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CIRCUIT

REVISED EC NO: J2007-1419 DRWN:MNABEI CHKD:KTOYODA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		500913-***2		MODEL NO.			
				MM ONLY		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
				2:1	METRIC						
		10 UNDER ± ---		DRAWN BY	DATE	TITLE 0.4 B-TO-B REC HSG ASSY (HGT=1.8) EMBSTP PKG -LEAD FREE-					
		10 OVER 30 UNDER ± ---		CHECKED BY	DATE						
	30 OVER ± ---		APPROVED BY	DATE	 MOLEX INCORPORATED						
	ANGULAR ± --- °		M. SASAO	2004/04/19							
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.		
				SEE CHART		SD-500913-002			2 OF 4		
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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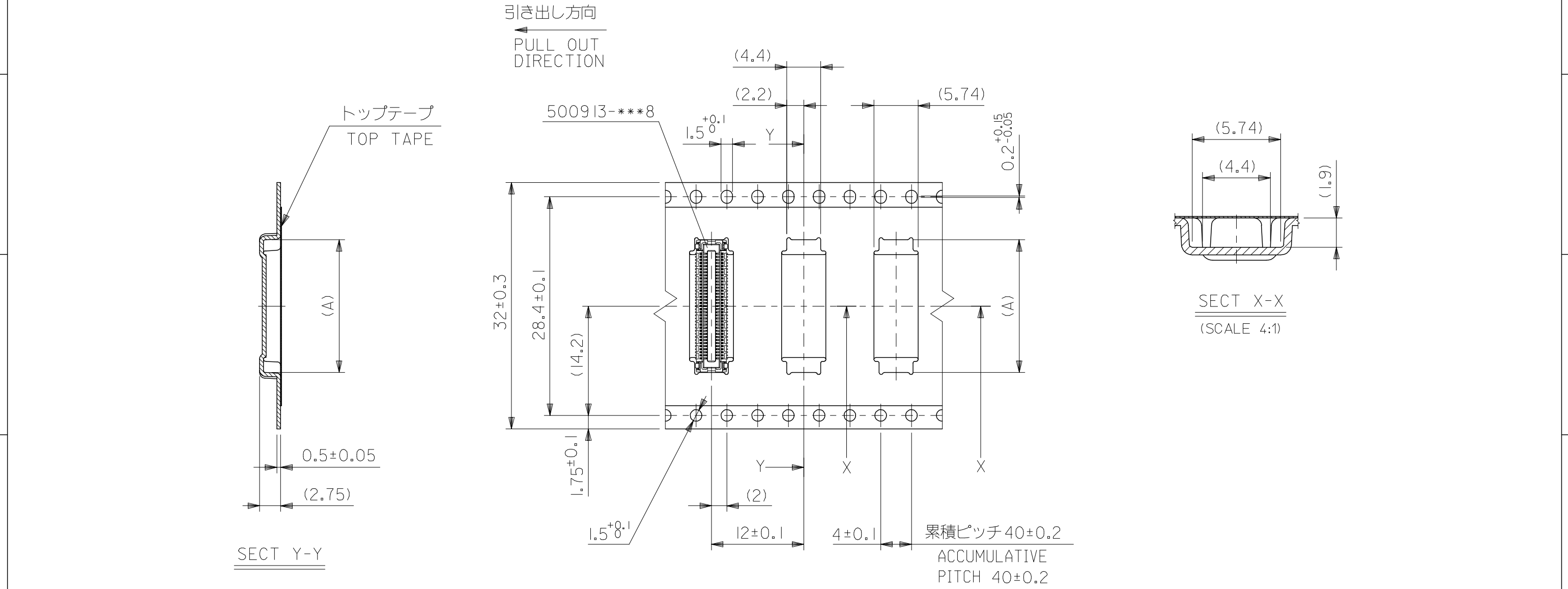
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32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	41.4	37.4	21.26	500913-0902	90
	37.4	33.4	17.26	500913-0702	70
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CIRCUIT

REVISED		EC NO: J2007-1419		DRWN:MNABEI		2006/11/16				500913-***2		MODEL NO.					
		CH'KD:KTOYODA		2006/11/20						SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
		APPR:NUKITA		2006/11/21						TITLE		0.4 B-TO-B REC HSG ASSY (HGT=1.8) EMBSTP PKG -LEAD FREE-					
										APPROVED BY M. SASAO		DATE 2004/04/19		MOLEX MOLEX INCORPORATED			
										MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
										SEE CHART		SD-500913-002				3 OF 4	
										SIZE A3		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>

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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.

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

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