

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

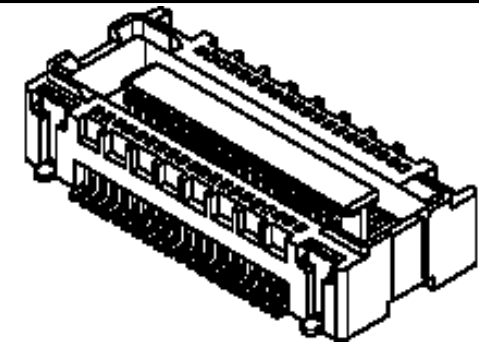
5009130602

Status:

Active

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board PCB Receptacle, Surface Mount, Dual Row, Vertical Stacking, Mated Height of 1.80mm (071"), with Solder Tabs, 60 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-500913-001 \(PDF\)](#)
- [Product Specification PS-500913-002 \(PDF\)](#)
- [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)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (in)	0.071 In, 0.091 In
Mated Height (mm)	1.80 mm, 2.30 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

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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, 501745 PCB
Receptacle

Current - Maximum per Contact

0.3A

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-500913-001

Product Specification

PS-500913-001, PS-500913-002, RPS-500913-002,
RPS-500913-003, RPS-500913-005

Sales Drawing

SD-500913-001, SD-500913-002

This document was generated on 06/07/2010

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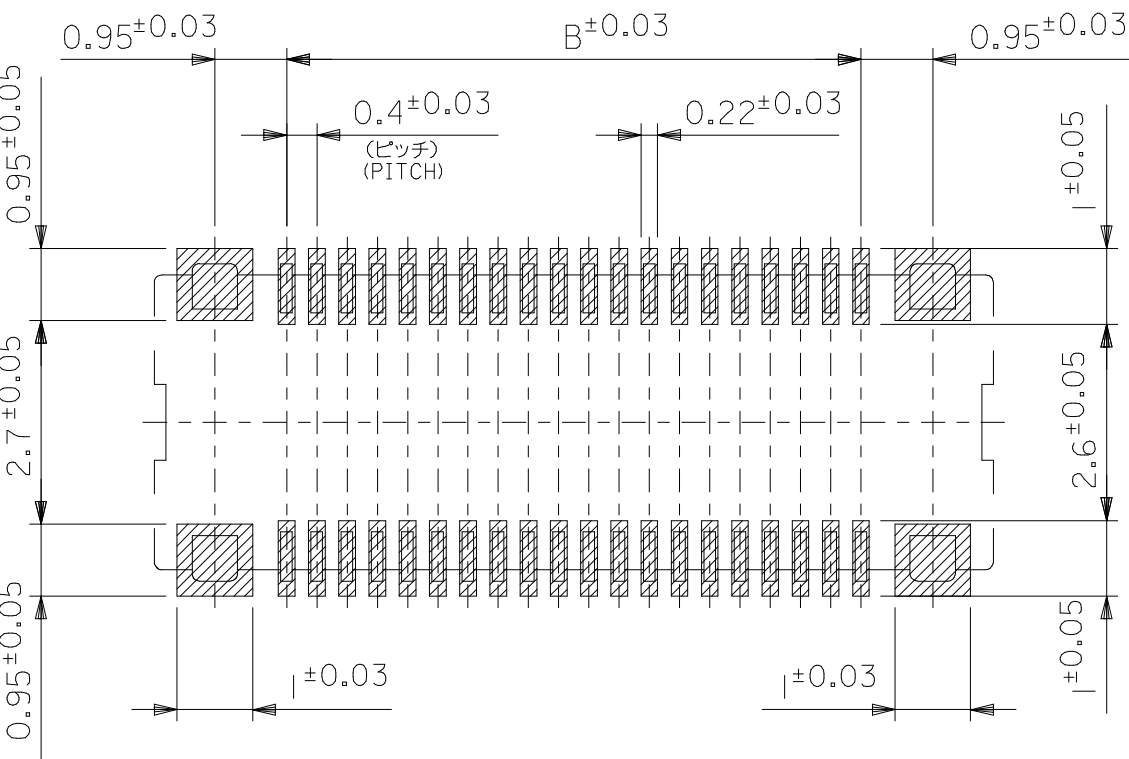
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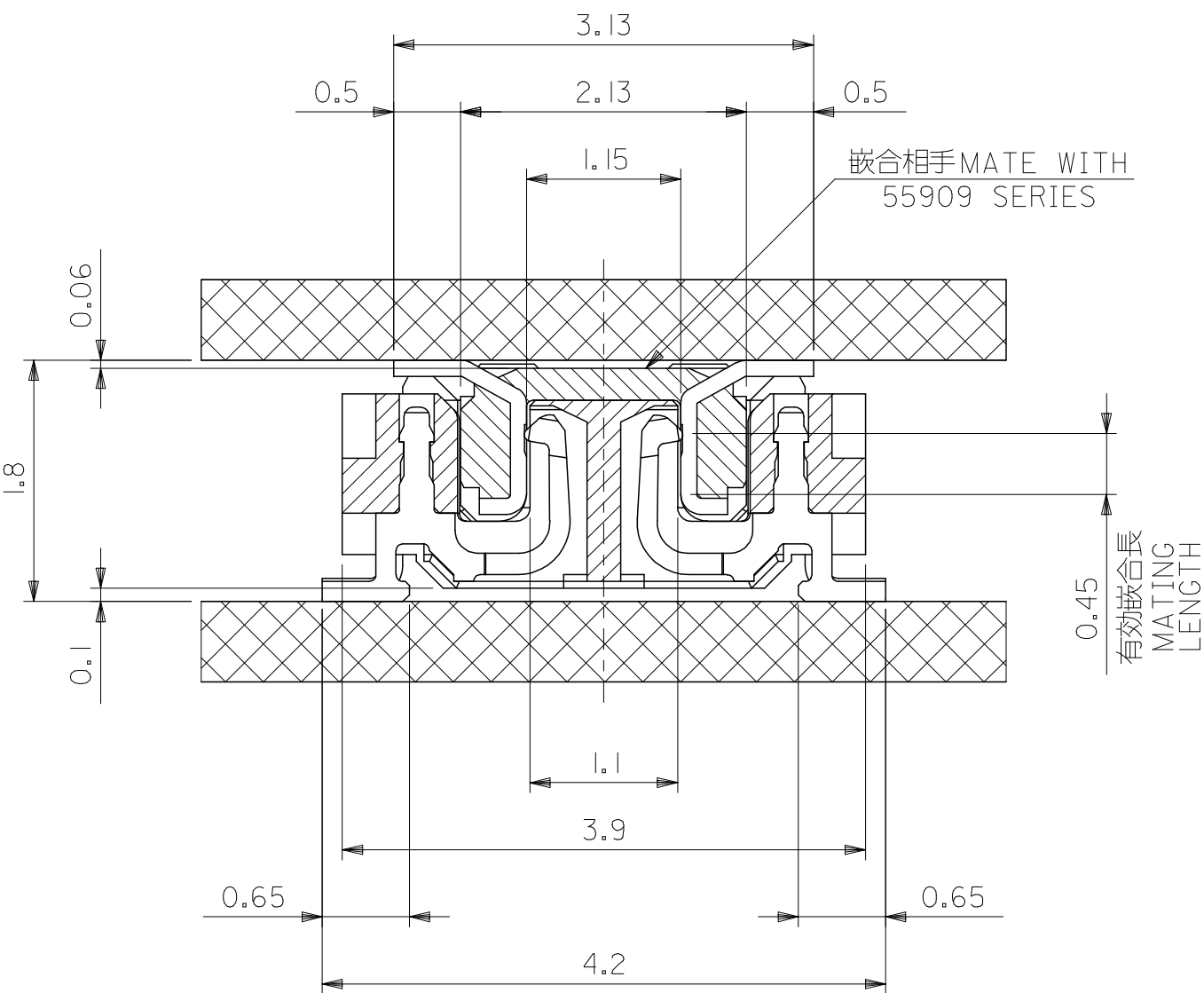
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参考基板レイアウト（マウント面）
P.C.BOARD PATTERN DIMENSION. (REFERENCE)
(MOUNTING AREA)

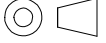


嵌合断面図（参考）
MATED DRAWING (REFERENCE)

REVISED	EC NO: J2007-1419 DRWN: MNABEI CHKD: KTOYODA APPR: NUKITA	DESCRIPTION	2006/11/16	2006/11/20	2006/11/21
		REV			

GENERAL TOLERANCES (UNLESS SPECIFIED)		
10 UNDER	± ---	
10 OVER 30 UNDER	± ---	
30 OVER	± ---	
ANGULAR	± --- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
R. SUMIYA	2004/04/19
CHECKED BY	DATE
M. SASAO	2004/04/19
APPROVED BY	DATE
M. SASAO	2004/04/19
MATERIAL NO.	
SEE CHART	
SIZE	
A3	

500913-***8		MODEL NO.	
SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE			
0.4 B-TO-B CONN REC HSG ASSY (HGT=1.8MM) -LEAD FREE-			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-500913-001		SHEET NO. 2 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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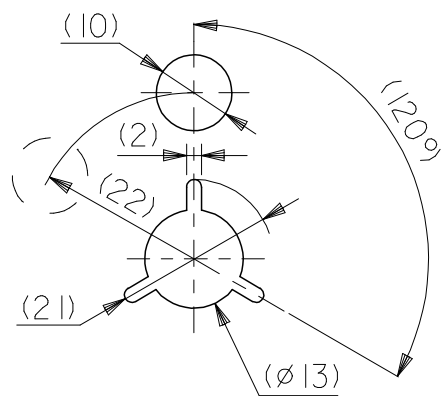
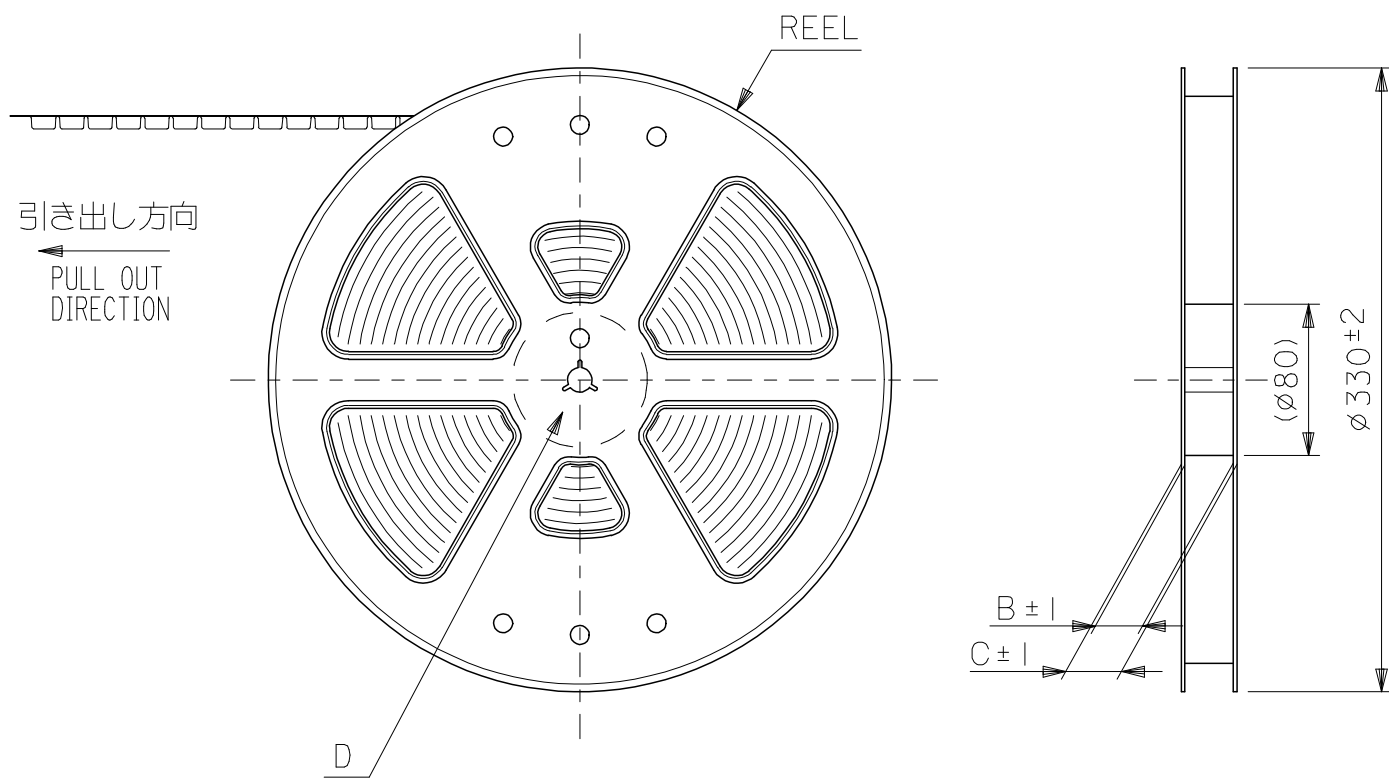
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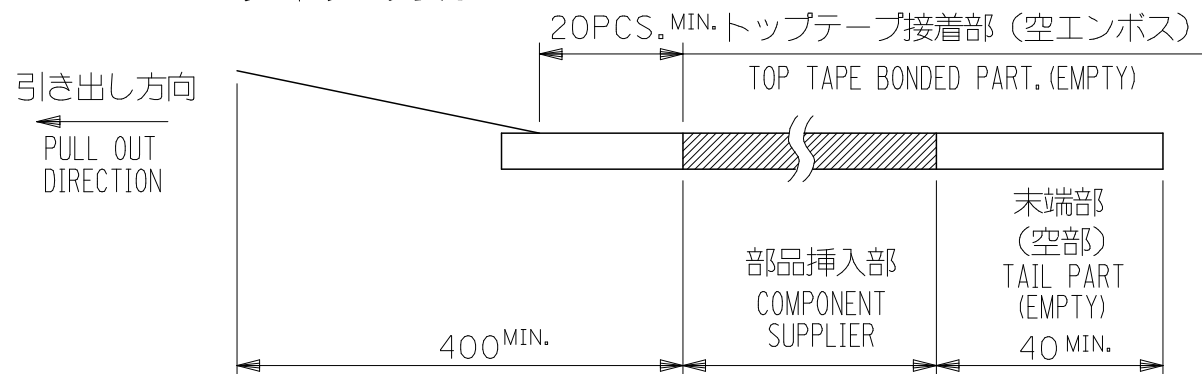
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DETAIL DNOTES

- 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 CHKD: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	
				DRAWN BY DATE R. SUMIYA 2004/04/19		TITLE 0.4 B-TO-B REC HSG ASSY (HGT=1.8) EMBSTP PKG -LEAD FREE-			
		10 UNDER ± ---		CHECKED BY DATE M. SASAO 2004/04/19					
		10 OVER 30 UNDER ± ---		APPROVED BY DATE M. SASAO 2004/04/19					
		30 OVER ± ---		 MOLEX INCORPORATED					
		ANGULAR ± --- °							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-500913-002		SHEET NO. 1 OF 4		
REV		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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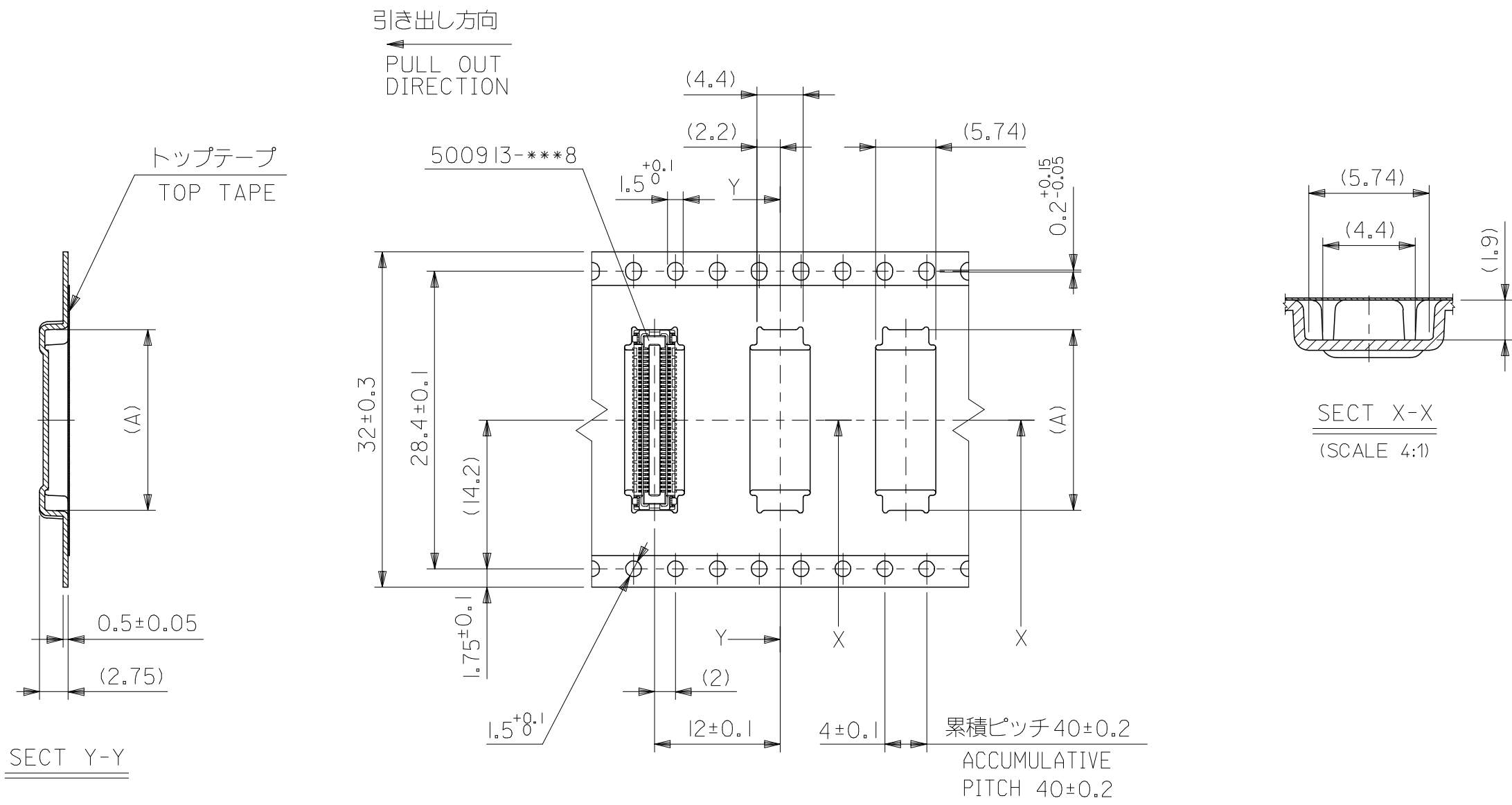
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32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

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 CHKD:KTOYODA APPR:NUKITA		DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		500913-***2		MODEL NO.	
					MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			10 UNDER	± ---	DRAWN BY R. SUMIYA	DATE 2004/04/19	TITLE 0.4 B-TO-B REC HSG ASSY (HGT=1.8) EMBSTP PKG -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 INCORPORATED			
			ANGULAR ± --- °		MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-500913-002		3 OF 4	
REV		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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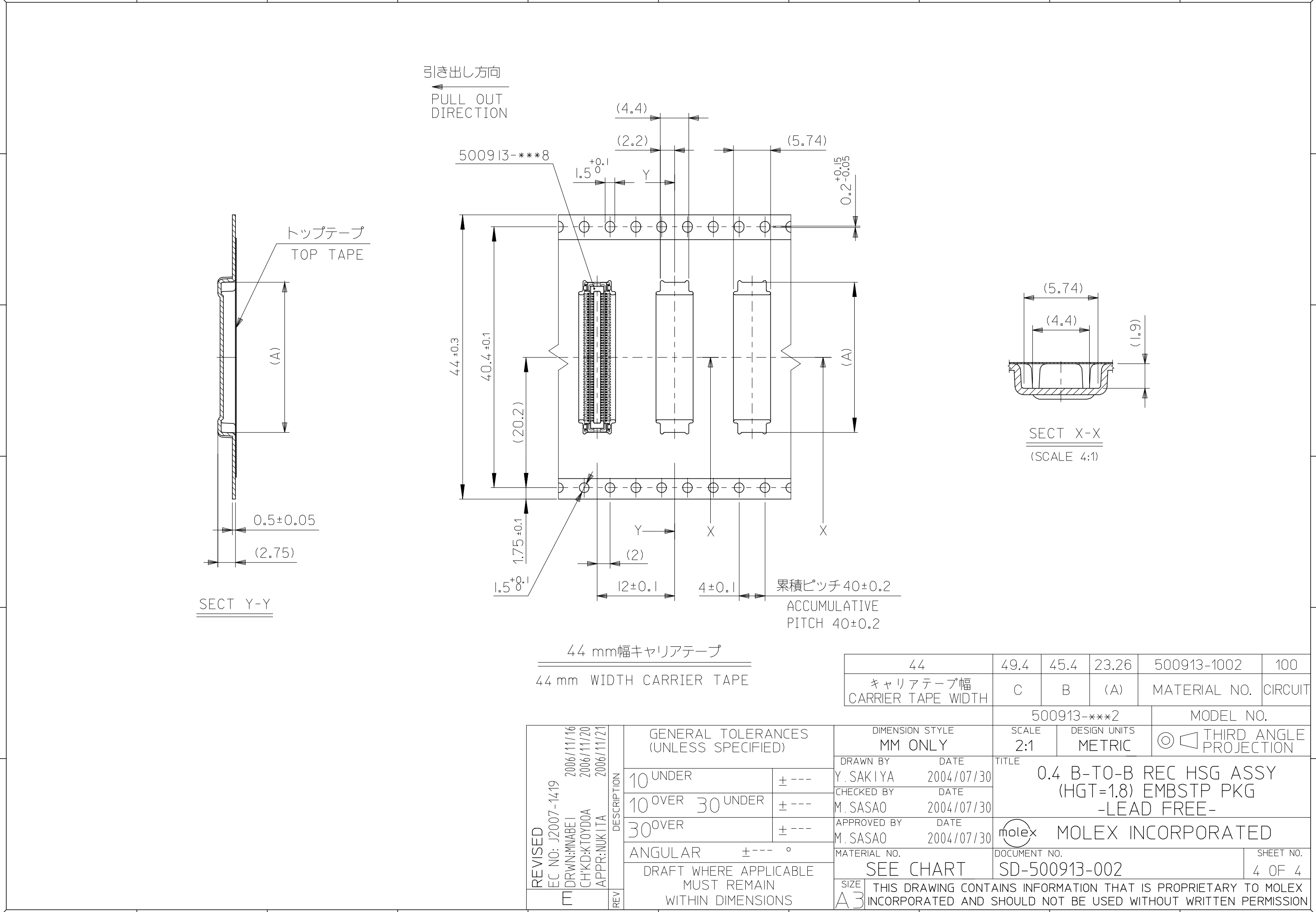
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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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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