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Part Number:

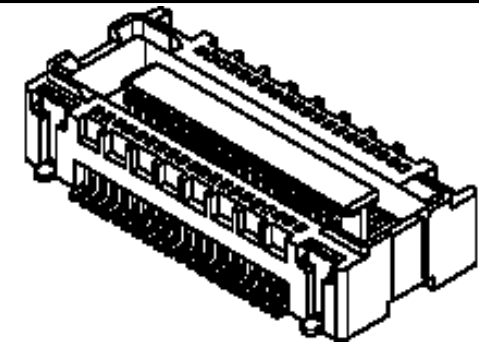
5009130242

Status:

Active

Description:

0.40mm (.016") Pitch SlimStack™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, Mated Height of 1.80mm (071"), with Solder Tabs, 24 Circuits, Lead-free



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)	24
Circuits (maximum)	24
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
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
Voltage - Maximum	50V AC (RMS)/DC

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

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

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

This document was generated on 04/19/2010

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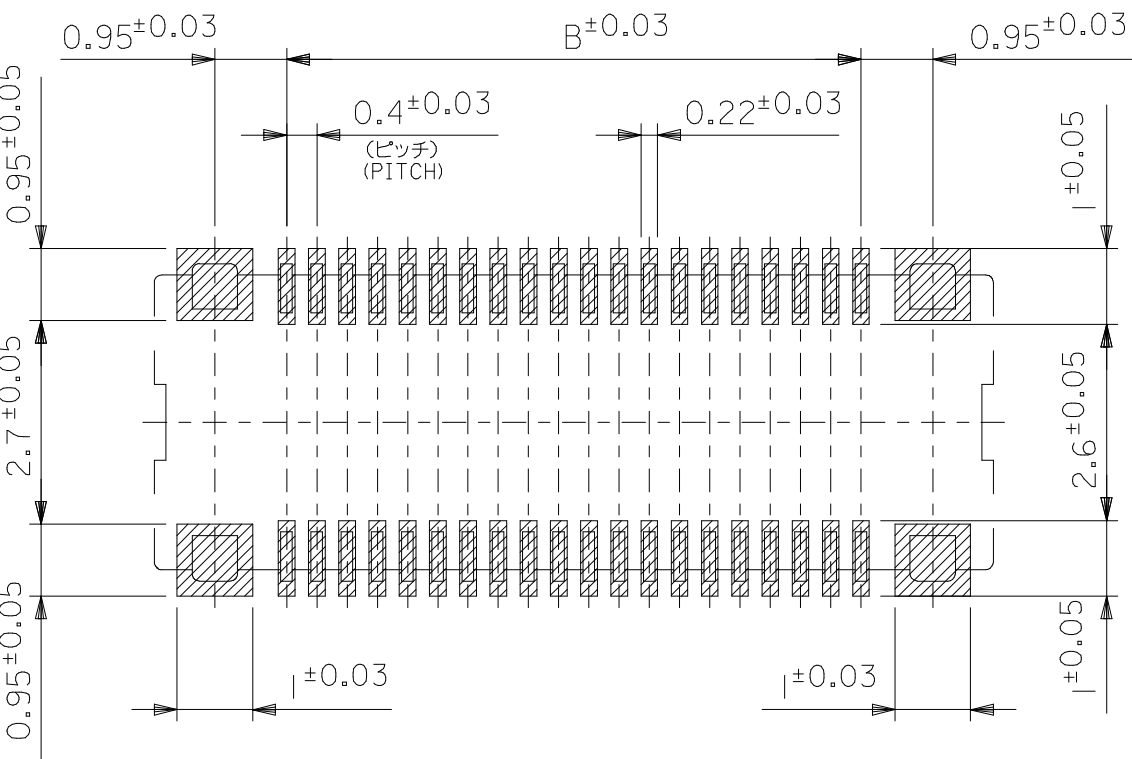
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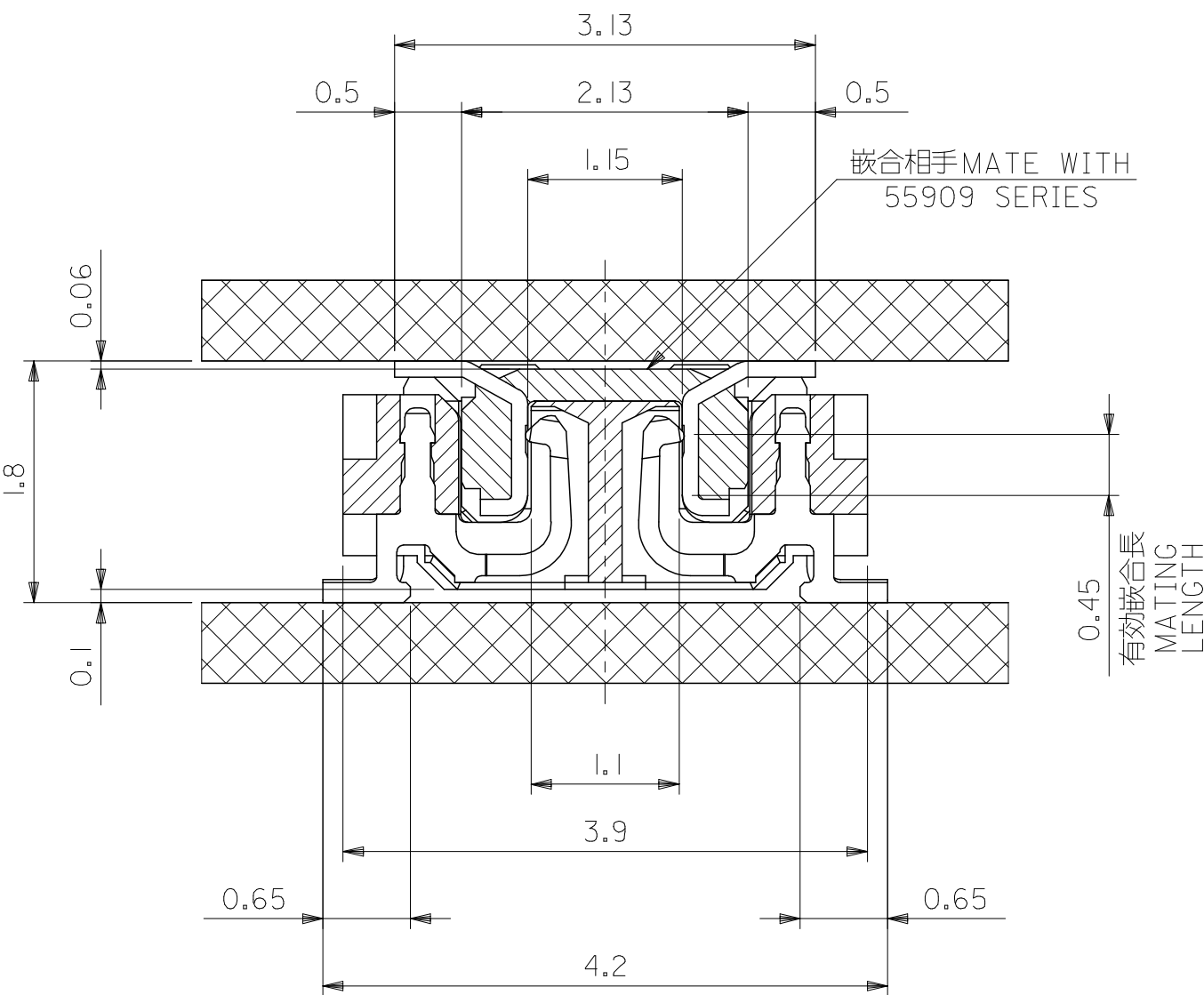
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参考基板レイアウト (マウント面)
P.C.BOARD PATTERN DIMENSION. (REFERENCE)
(MOUNTING AREA)



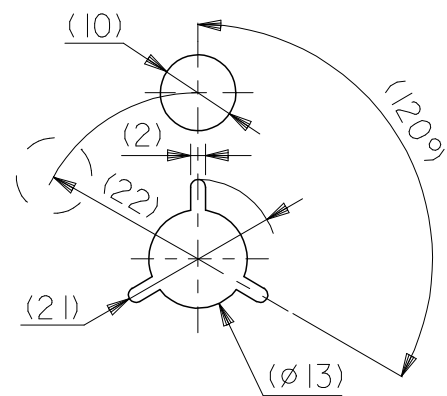
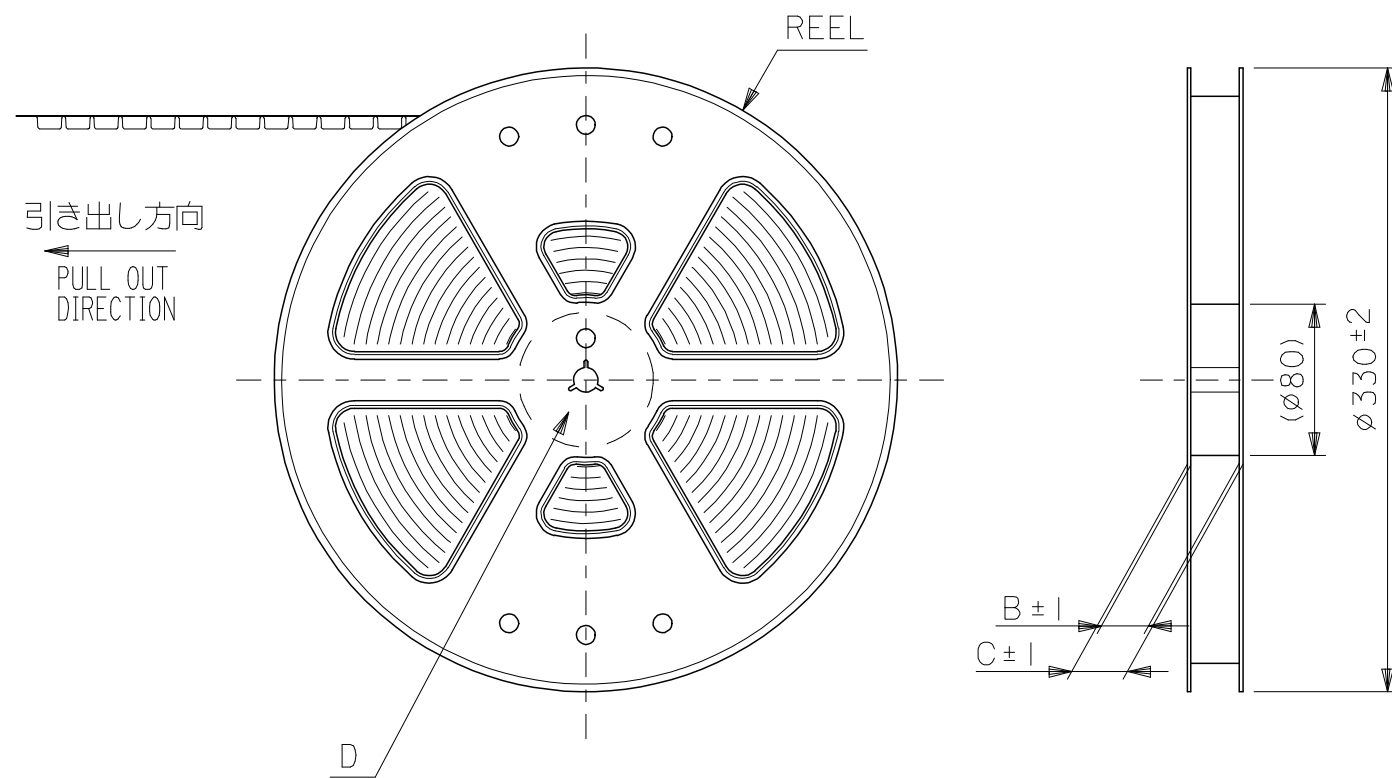
嵌合断面図 (参考)
MATED DRAWING (REFERENCE)

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

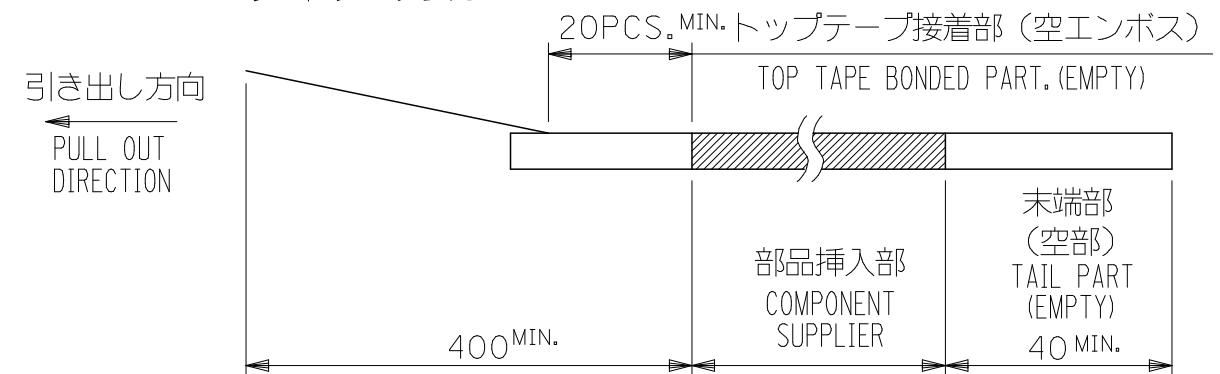
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	APPROVED BY M. SASAO	DATE 2004/04/19	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-500913-001	SHEET NO. 2 OF 2

REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	APPROVED BY M. SASAO	DATE 2004/04/19	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-500913-001	SHEET NO. 2 OF 2

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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	2006/11/16	2006/11/20	2006/11/21
	DRWN: MNABEI	2006/11/16	2006/11/20	2006/11/21
	CHKD: KTOYODA	2006/11/16	2006/11/20	2006/11/21
	APPR: NUKITA	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-***2		MODEL NO.	
SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE			
0.4 B-TO-B REC HSG ASSY (HGT=1.8) EMBSTP PKG -LEAD FREE-			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-500913-002		SHEET NO. 1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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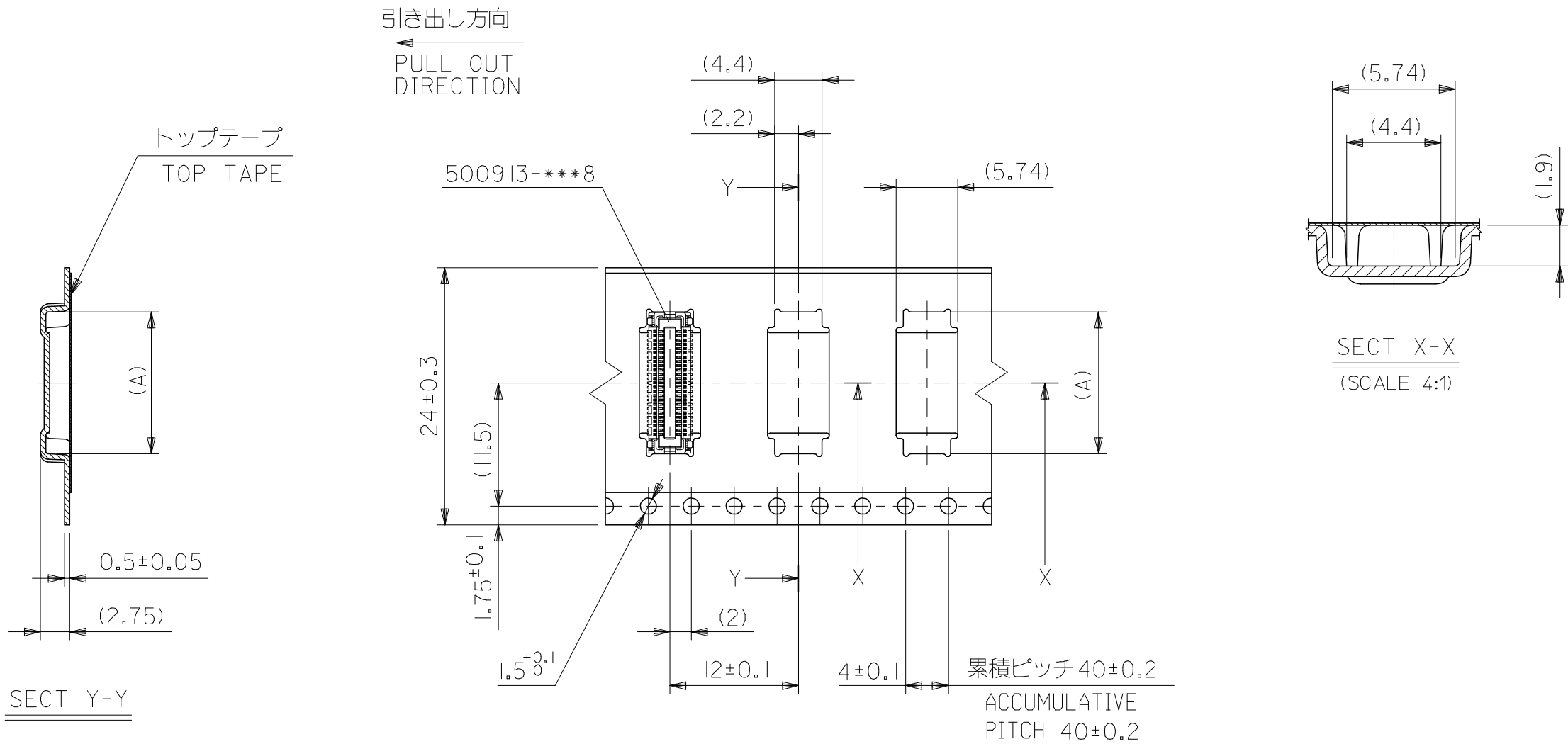
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24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

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 2006/11/16		CHKD:KTOYODA 2006/11/20		APPR:NUKITA 2006/11/21		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		500913-***2		MODEL NO.			
																SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
												10 UNDER		± ---		DRAWN BY R. SUMIYA		DATE 2004/04/19		TITLE 0.4 B-T0-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 MOLEX INCORPORATED	
												ANGULAR ± --- °				MATERIAL NO.		DOCUMENT NO.			
												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				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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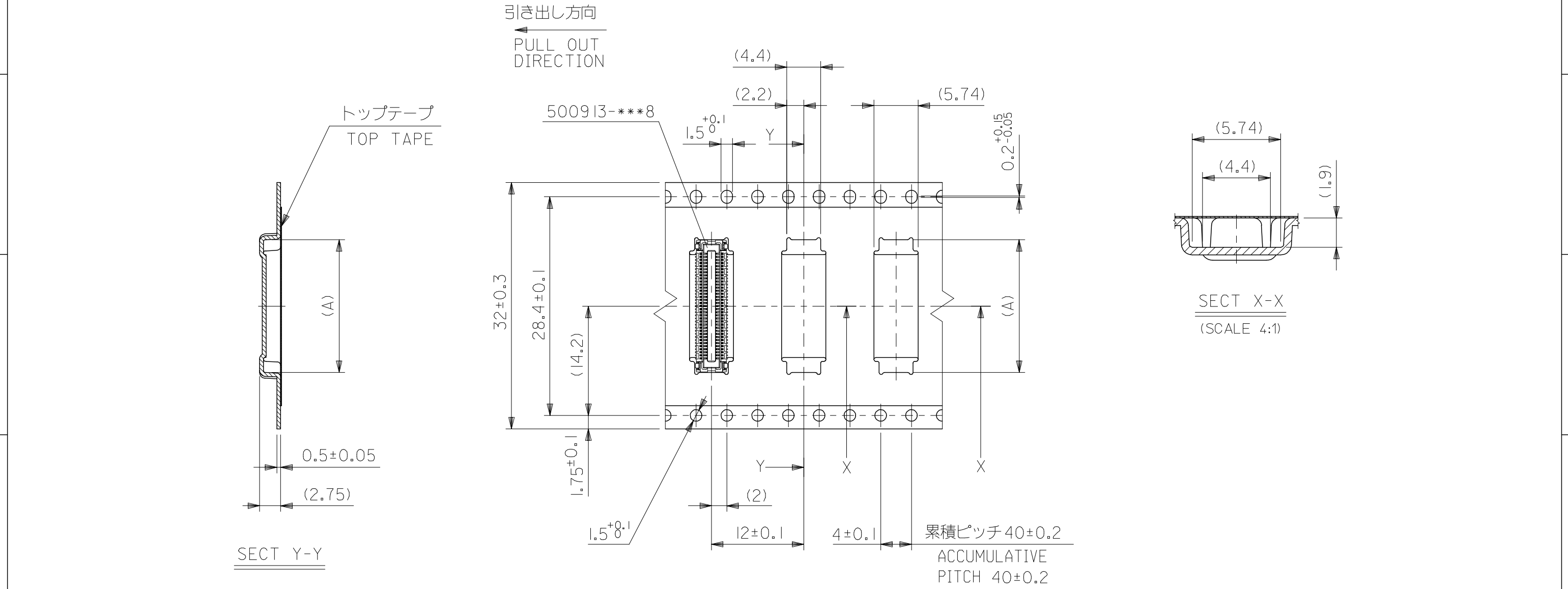
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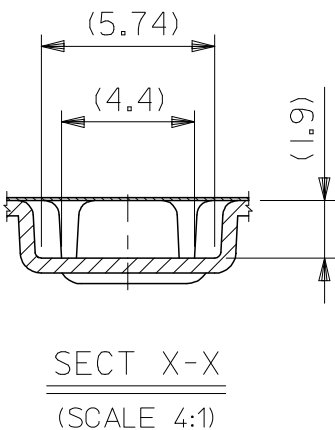
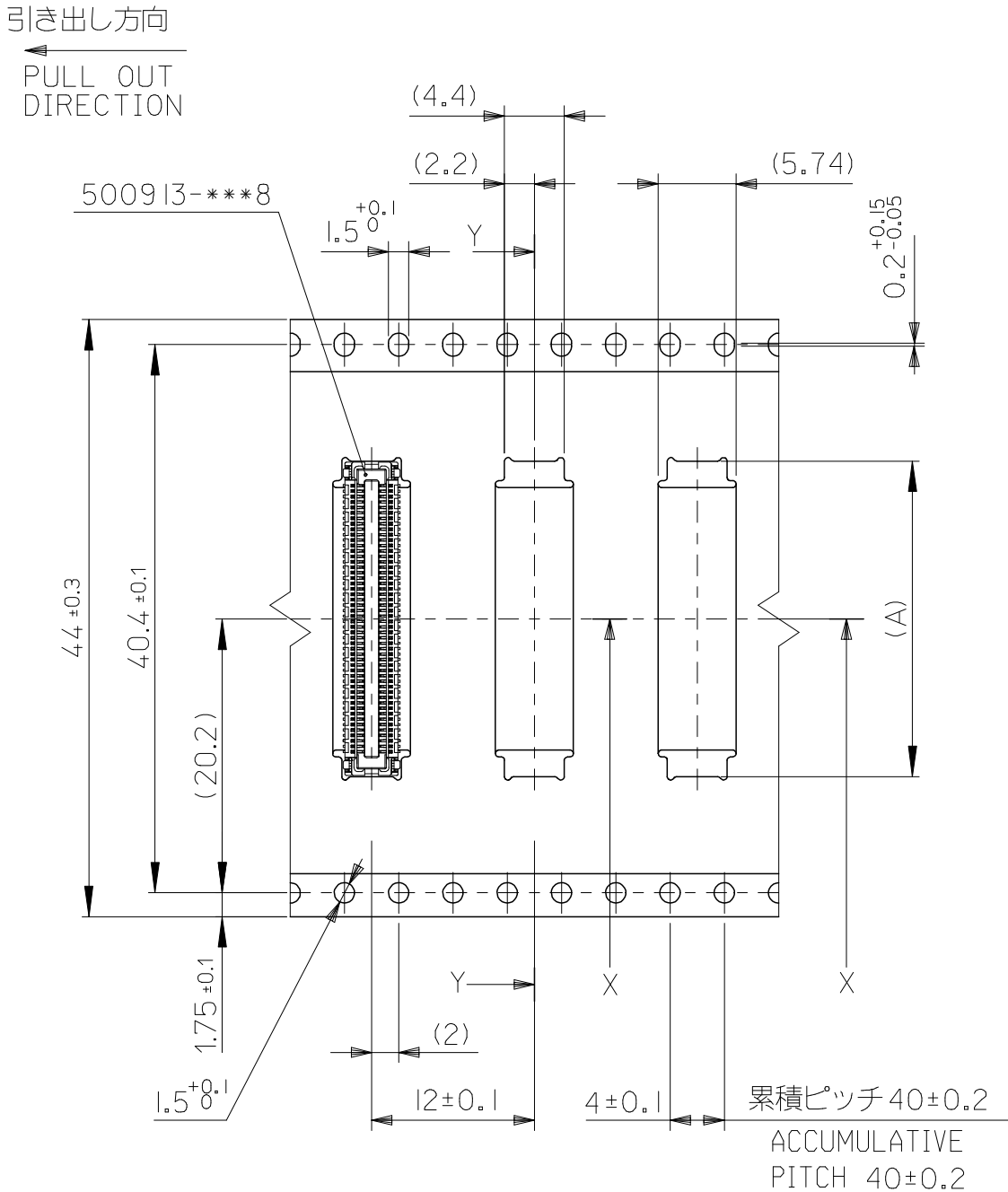
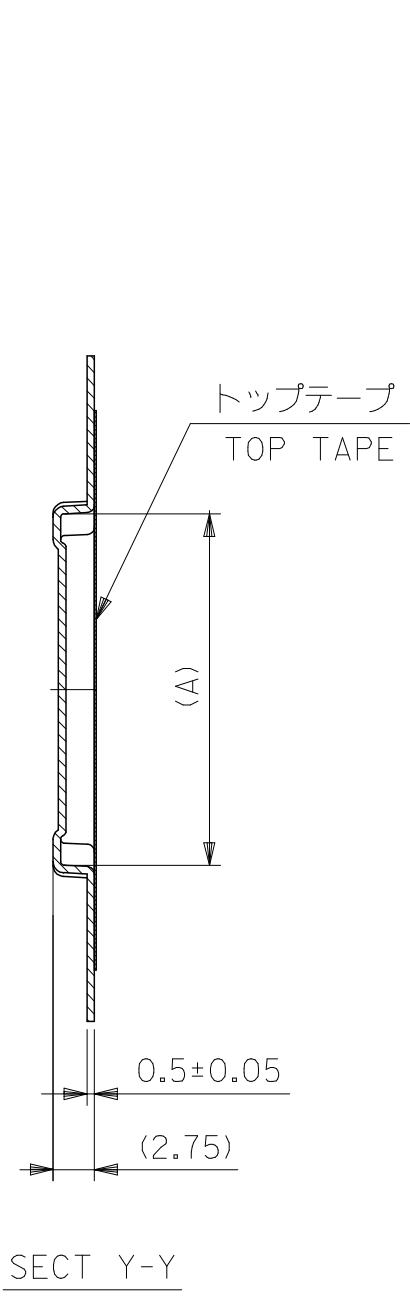
C

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B

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A



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

44	49.4	45.4	23.26	500913-1002	100
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	CIRCUIT

REVISED		EC NO: J2007-1419		2006/11/16 DRWN:MWABEI		2006/11/20 CHKD:KTOYDOA		2006/11/21 APPR:NUKITA		DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
											10 UNDER		± ---		DRAWN BY Y. SAKIYA		DATE 2004/07/30		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 2004/07/30				
											30 OVER		± ---		APPROVED BY M. SASAO		DATE 2004/07/30				
											ANGULAR		± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		SD-500913-002		4 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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<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.

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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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