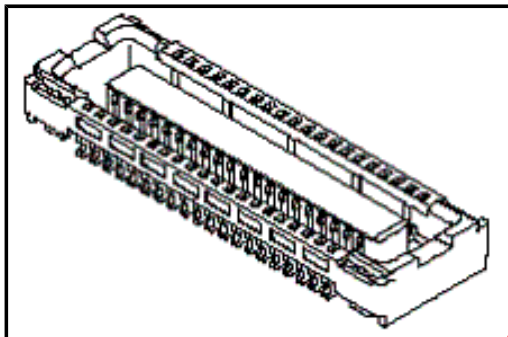
This document was generated on 04/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0513382674

Status: Active

Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 1.50mm (.059") Stacking Height, with Space Saving J-Bend Leads, 26 Circuits, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51338-002 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	51338
Application	Board-to-Board
Comments	Solder Tab Plating: Tin (Sn) over Nickel
Product Name	SlimStack™

Physical

Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height (in)	0.059 In
Mated Height (mm)	1.50 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-51338-001
Product Specification	PS-51338-002, RPS-51338-012, RPS-51338-013, RPS-51338-015, RPS-51338-018, RPS-51338-019, RPS-51338-020, RPS-51338-021, RPS-51338-022, RPS-51338-025, RPS-51338-027, RPS-51338-030, RPS-51338-031
Sales Drawing	SD-51338-003, SD-51338-004

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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

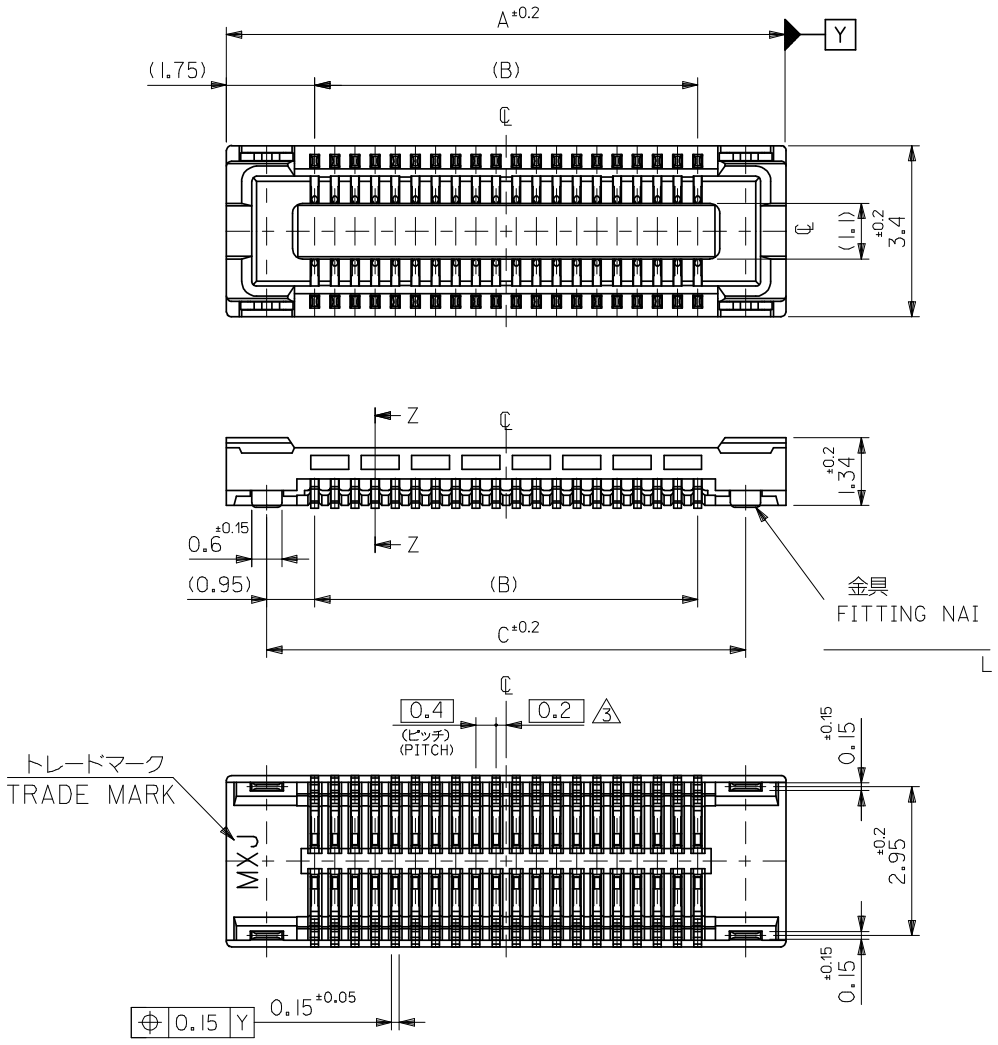
Please visit the Contact Us section for any non-product compliance questions.

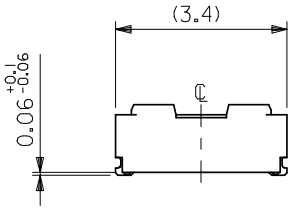
Search Parts in this Series
51338Series

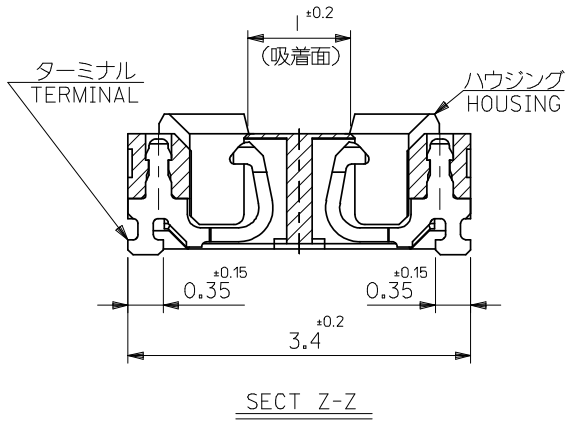
Mates With
55909 PCB Header

This document was generated on 04/26/2010

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SECT Z-Z

C	B	A	EMBOSSED TAPE PKG. / ORDER No. オーダー番号	MATERIAL No.	CKT.
25.5	23.6	27.1	51338-1274	51338-1209	120
21.5	19.6	23.1	51338-1074	51338-1009	100
19.5	17.6	21.1	51338-0974	51338-0909	90
17.5	15.6	19.1	51338-0874	51338-0809	80
15.5	13.6	17.1	51338-0774	51338-0709	70
13.5	11.6	15.1	51338-0674	51338-0609	60
11.5	9.6	13.1	51338-0574	51338-0509	50
9.5	7.6	11.1	51338-0474	51338-0409	40
8.3	6.4	9.9	51338-3474	51338-0349	34
7.5	5.6	9.1	51338-0374	51338-0309	30
6.7	4.8	8.3	51338-2674	51338-0269	26
6.3	4.4	7.9	51338-2474	51338-0249	24
5.9	4.0	7.5	51338-2274	51338-0229	22
5.5	3.6	7.1	51338-0274	51338-0209	20
3.9	2.0	5.5	51338-9974	51338-0129	12

REVISED
EC NO: J2009-0301 2008/08/27
DRWN:MNABEI 2008/08/28
CH'KD:THARUYAMA
APPR:NUKITA 2008/08/28
DESCRIPTION
REV

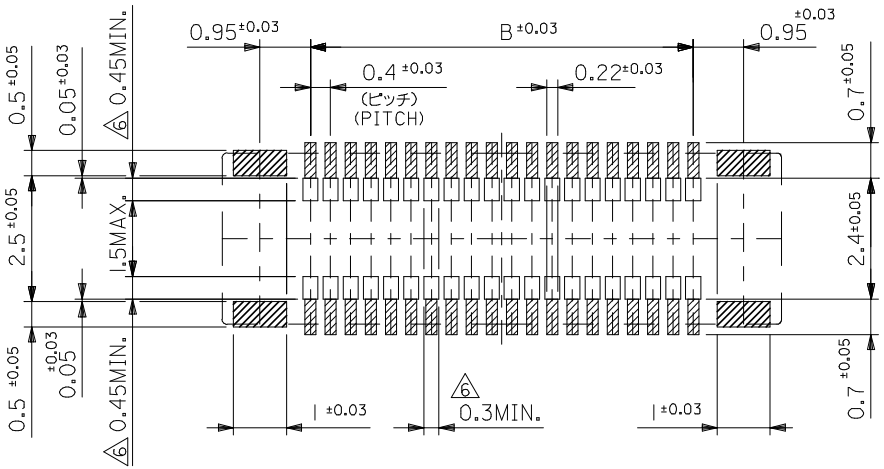
GENERAL TOLERANCES (UNLESS SPECIFIED)
10 UNDER ±---
10 OVER 30 UNDER ±---
30 OVER ±---
ANGULAR ±--- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
DRAWN BY: M.NINOMIYA DATE: 2004/03/17
CHECKED BY: K.TOJO DATE: 2004/03/17
APPROVED BY: M.SASAO DATE: 2004/03/17
MATERIAL NO.: SEE TABLE

51338-***9
MODEL NO.
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

TITLE: 0.4 B-TO-B REC ASSY HGT=1.5 J-BEND TAIL -LEAD FREE-
MOLEX INCORPORATED
DOCUMENT NO.: SD-51338-003
SHEET NO.: 1 OF 2
SIZE: A3

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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)

注記 NOTES:

1. 使用材料 MATERIAL
   ハウジング：液晶ポリマー（ＬＣＰ） ガラス充填 ＵＬ９４Ｖ－０（黒）
   HOUSING: LIQUID CRYSTAL POLYMER(GLASS FILLED)
   UL94V-0 (COLOR:BLACK)
   ターミナル：リン青銅（ｔ＝０．１５）
   TERMINAL: PHOSPHOR BRONZE (t=0.15)
   金具：リン青銅（ｔ＝０．１５）
   FITTING NAIL: PHOSPHOR BRONZE (t=0.15)
2. メッキ仕様 PLATING
   ターミナル TERMINAL
   金メッキ ０．２マイクロメートル以上（コンタクト部）
   GOLD 0.2MICROMETER MINIMUM (CONTACT AREA)
   金メッキ ０．４マイクロメートル以下（テール部）
   GOLD 0.4MICROMETER MAXIMUM (TAIL AREA)
   下地メッキ：ニッケルメッキ １．５マイクロメートル以上
   UNDER PLATING : NICKEL 1.5MICROMETER MINIMUM
   ＊コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
   DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
   AND THE TAIL PART BY THE NICKEL PLATING.
   金具 FITTING NAIL
   錫メッキ １．０ マイクロメートル以上
   TIN PLATING 1.0 MICROMETER MINIMUM
   下地メッキ：ニッケルメッキ １．０ マイクロメートル以上
   UNDER PLATING : NICKEL 1.0 MICROMETER MINIMUM
3. △3（全極数／２）＝偶数の場合に適用。
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手：５５９０９シリーズ
   MATE WITH : 55909 SERIES.
5. テール平坦度は、０．０８以下
   テール及び金具の平坦度は、０．１以下
   TAIL COPLANARITY TO BE 0.08MAXIMUM
   TAIL AND FITTING NAIL COPLANARITY TO BE 0.1MAXIMUM
6. △6 同一回路以外のパターン書込み禁止範囲を示す。
   NO PRINT CIRCUIT AREA OTHER THAN THE SAME CIRCUIT.
7. 本製品は 51338-***3 の鉛フリー品である。
   THIS PRODUCT IS LEAD FREE OF 51338-***3.

REVISED
EC NO: J2009-0301 2008/08/27
DRWN:MNABEI 2008/08/28
CH'KD:THARUYAMA
APPR:NUKITA 2008/08/28
DESCRIPTION
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	M.NINOMIYA 2004/03/17
CHECKED BY / DATE	K.TOJO 2004/03/17
APPROVED BY / DATE	M.SASAO 2004/03/17
MATERIAL NO.	SEE SHEET 1

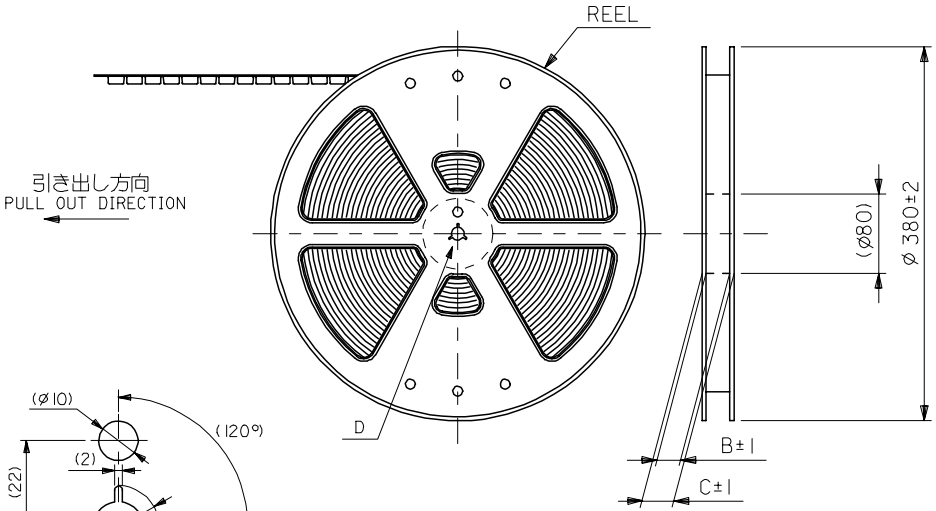
51338-***9		MODEL NO.
SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION

TITLE
0.4 B-TO-B REC ASSY
HGT=1.5 J-BEND TAIL
-LEAD FREE-

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DOCUMENT NO.	SD-51338-003
SHEET NO.	2 OF 2
SIZE	A3

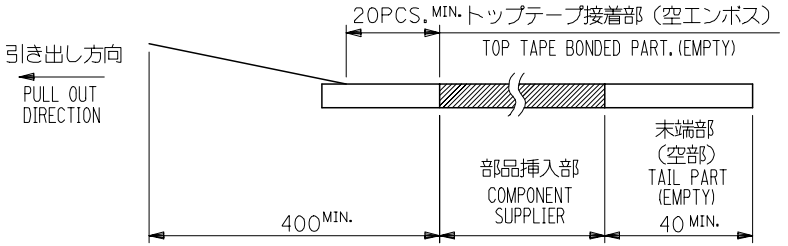
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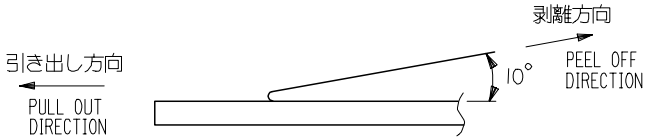
DETAIL D

NOTES

1. 製品詳細寸法については製品単体図面を参照下さい。
   RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. 梱包数量：２５００個／リール
   NUMBER OF CONNECTORS ：2500PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. トップテープの剥離強度： 0.1N～1.3N{10gf～130gf}
   （剥離方向は下図参照）
   尚、本規格値は出荷時に適用。（但し、輸送時に剥離が発生しないこと。）
   PEELING OFF FORCE OF TOP TAPE : 0.1N～1.3N{10gf～130gf}
   (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
   THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
   PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.

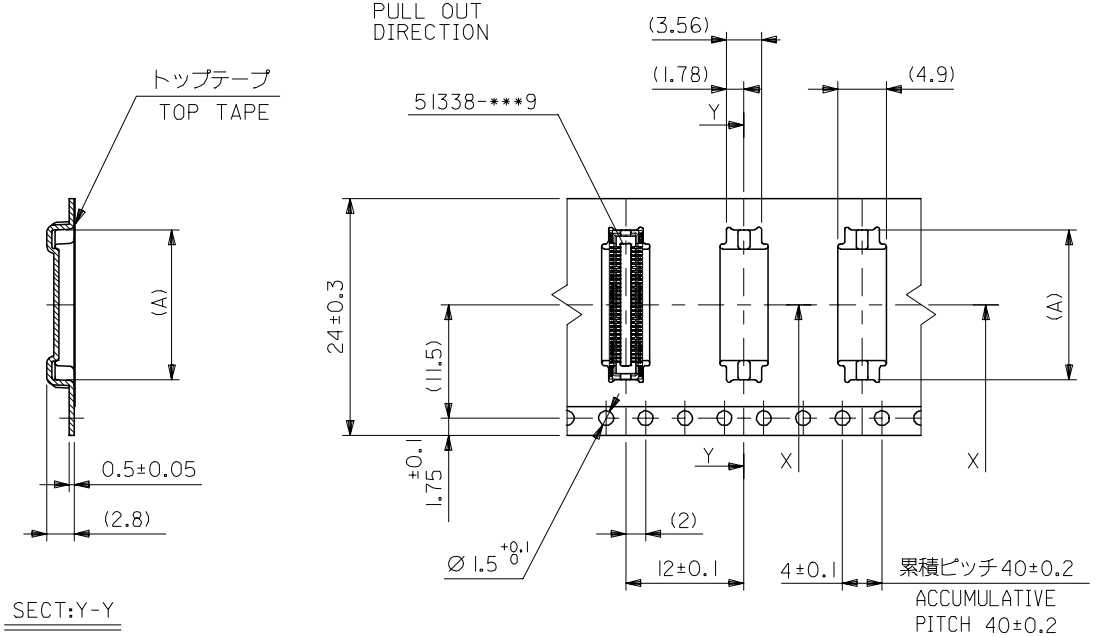


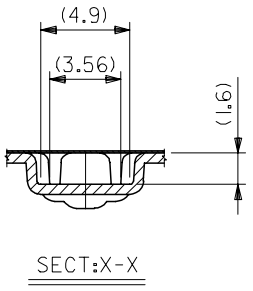
5. 材料
   キャリアテープ（CARRIER TAPE）：ポリプロピレン（POLYPROPYLENE）
   トップテープ（TOPTAPE）： PET , PE , PEF
   リール（REEL）： ポリスチレン（PS） <リサイクル材を含む>
   POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
6. 本製品は 51338-***4 の鉛フリー品である。
   THIS PRODUCT IS LEAD FREE OF 51338-***4.

REVISED EC NO: J2006-0826 DRWN:MTAKEMOTO 2005/09/30 CHKD: 2005/09/30 APPR:NUKITA 2005/09/30	DESCRIPTION	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: M.NINOMI DATE: 2004/03/17 CHECKED BY: K.TOJO DATE: 2004/03/17 APPROVED BY: M.SASAO DATE: 2004/03/17 MATERIAL NO.: SEE CHART	51338-**74 MODEL NO. SCALE: --- DESIGN UNITS: METRIC THIRD ANGLE PROJECTION TITLE: 0.4 B-TO-B CONN. REC HSG ASSY(HGT=1.5) EMBSTP PKG -LEAD FREE- molex MOLEX INCORPORATED DOCUMENT NO.: SD-51338-004 SHEET NO.: 1 OF 4 SIZE A3

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引き出し方向
PULL OUT DIRECTION





24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CKT.
24	29.4	25.4	15.26	51338-0674	60
			13.26	51338-0574	50
			11.26	51338-0474	40
			10.06	51338-3474	34
			9.26	51338-0374	30
			8.46	51338-2674	26
			8.06	51338-2474	24
			7.66	51338-2274	22
			7.26	51338-0274	20
			5.66	51338-9974	12

REVISED
EC NO: J2006-0826 2005/09/30
DRWN:MTAKEMOTO 2005/09/30
CHKD:MTANAKA 2005/09/30
APPR:NUKITA 2005/09/30
DESCRIPTION
REV E

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

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN BY	M.NINOMI	2004/03/17
CHECKED BY	K.TOJO	2004/03/17
APPROVED BY	M.SASAO	2004/03/17

MATERIAL NO.: SEE CHART

MODEL NO.: 51338-**74

TITLE: 0.4 B-TO-B CONN. REC HSG ASSY(HGT=1.5) EMBSTP PKG -LEAD FREE-

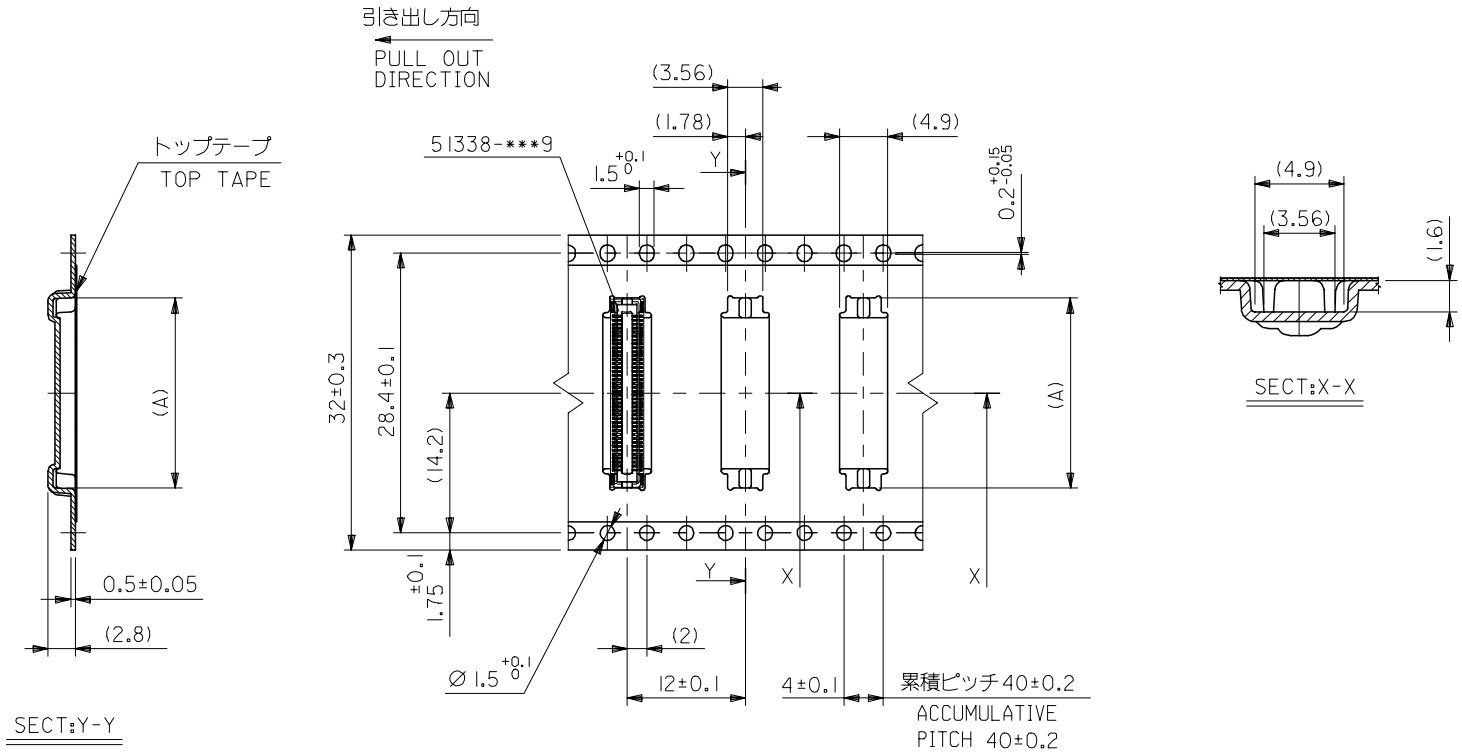
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DOCUMENT NO.: SD-51338-004

SHEET NO.: 2 OF 4

SIZE A3

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32mm幅キャリアテープ

32mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CKT.
32	37.4	33.4	21.26	51338-0974	90
			19.26	51338-0874	80
			17.26	51338-0774	70

REVISED				
REV	DESCRIPTION	EC NO: J2006-0826	DRWN:MTAKEMOTO	2005/09/30
E			CHKD:MTANAKA	2005/09/30
			APPR:NUKITA	2005/09/30

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

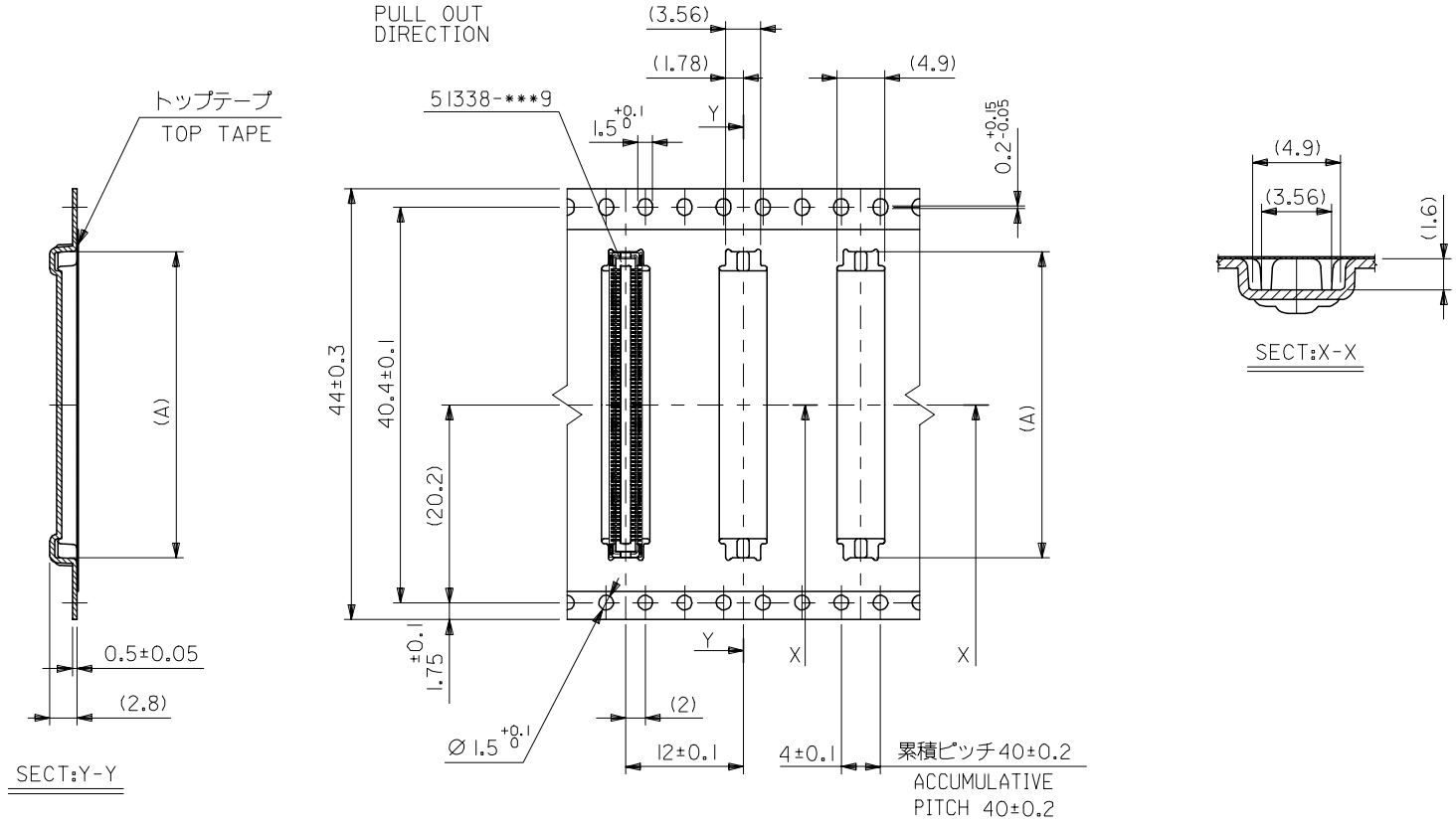
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	MODEL NO.: 51338-**74
			THIRD ANGLE PROJECTION
DRAWN BY: M.NINOMI	DATE: 2004/03/17	TITLE: 0.4 B-TO-B CONN. REC HSG ASSY(HGT=1.5) EMBSTP PKG -LEAD FREE-	
CHECKED BY: K.TOJO	DATE: 2004/03/17		
APPROVED BY: M.SASAO	DATE: 2004/03/17	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-51338-004	SHEET NO.: 3 OF 4

SIZE A3

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引き出し方向
PULL OUT DIRECTION



44mm幅キャリアテープ

44mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CKT.
44	49.4	45.4	27.26	51338-1274	120
			23.26	51338-1074	100

51338-**74 MODEL NO.

REVISED
E EC NO: J2006-0826 2005/09/30
DRWN:MTAKEMOTO 2005/09/30
CHKD:
APPR:NUKITA 2005/09/30
DESCRIPTION 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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: M.NINOMI DATE: 2004/03/17
CHECKED BY: K.TOJO DATE: 2004/03/17
APPROVED BY: M.SASAO DATE: 2004/03/17

TITLE: 0.4 B-TO-B CONN. REC HSG ASSY(HGT=1.5) EMBSTP PKG -LEAD FREE-

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-51338-004
SHEET NO.: 4 OF 4

SIZE A3

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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

Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

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moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9