

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

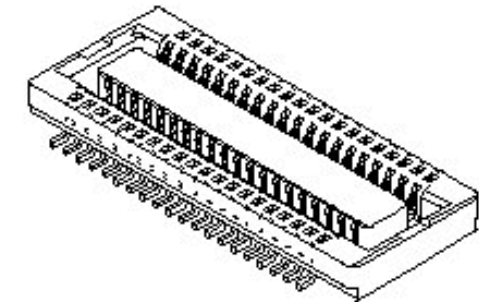
0547220164

Status:

Active

Description:

0.50mm (.020") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm (.059") Stacking Height, Lower Circuit Size Version, 16 Circuits, Gold (Au) Plating with Nickel (Ni) Barrier Plating Between Contact and Tail



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-54722-010 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Application

Comments

Product Name

PCB Receptacles

54722

Board-to-Board

Embossed Tape Reel Height: 380mm (14.961")|Gold plating with Nickel plating between contact and tail SlimStack™

Physical

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Glow-Wire Compliant

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

16

Black

30

No

None

0.059 In

1.50 mm

Phosphor Bronze

Gold

Gold

High Temperature Thermoplastic

2

Vertical

No

None

Embossed Tape on Reel

0.020 In

0.50 mm

No

N/A

-25°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-54722-010, RPS-54722-027, RPS-54722-033

SD-54722-011, SD-54722-012

EU RoHS

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

China RoHS



Need more information on product environmental compliance?

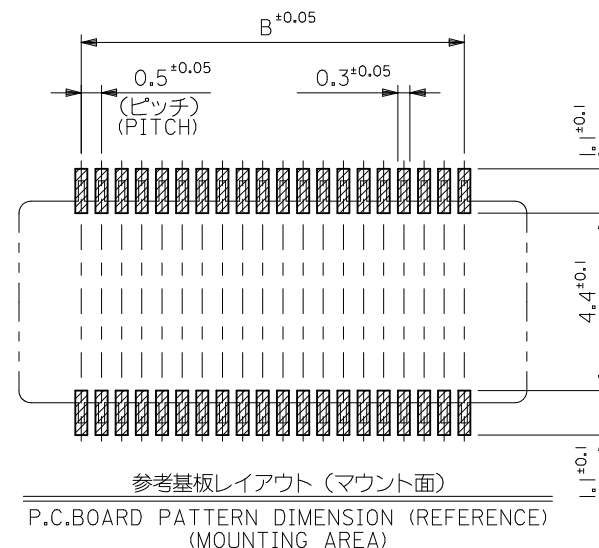
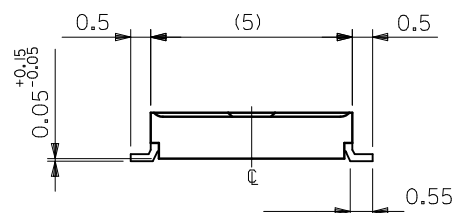
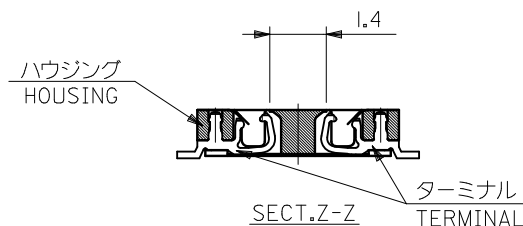
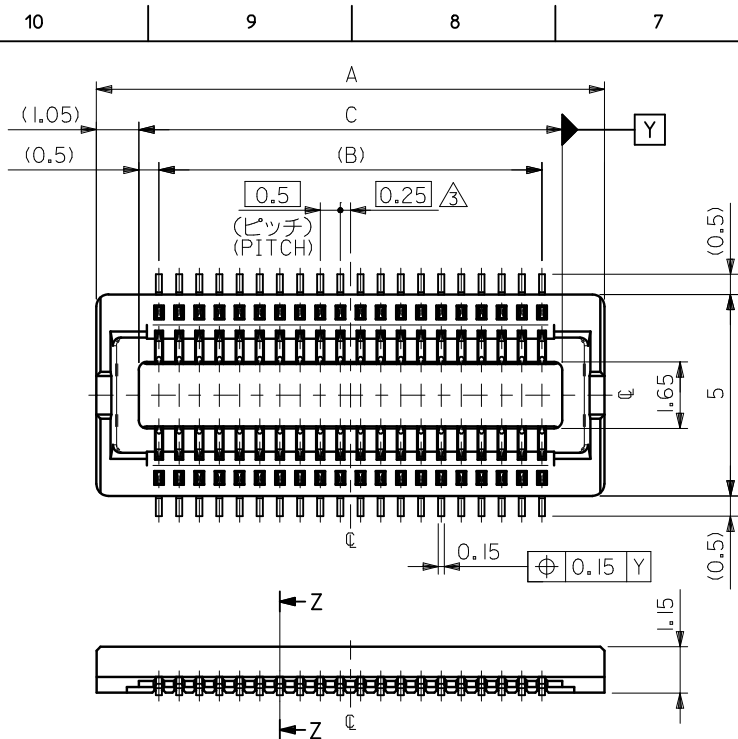
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
54722Series

Mates With
55560 PCB Header

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



30極以下品形状
SHAPE OF 30 CIRCUITS OR LESS

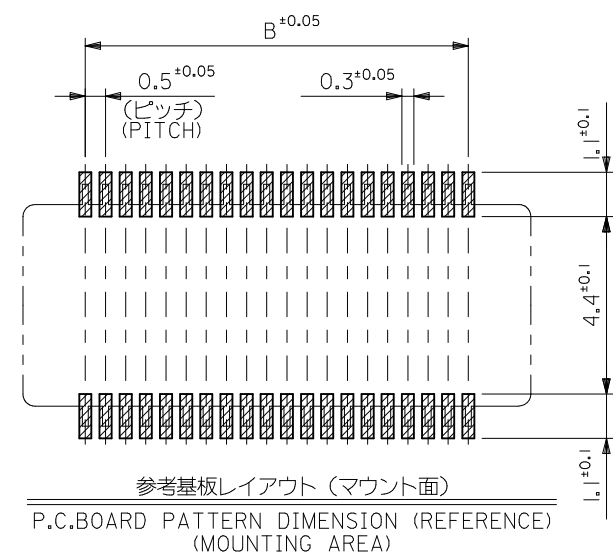
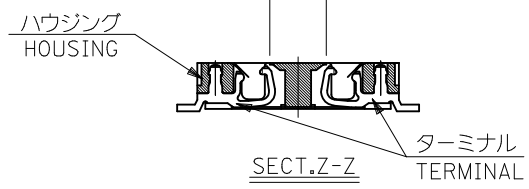
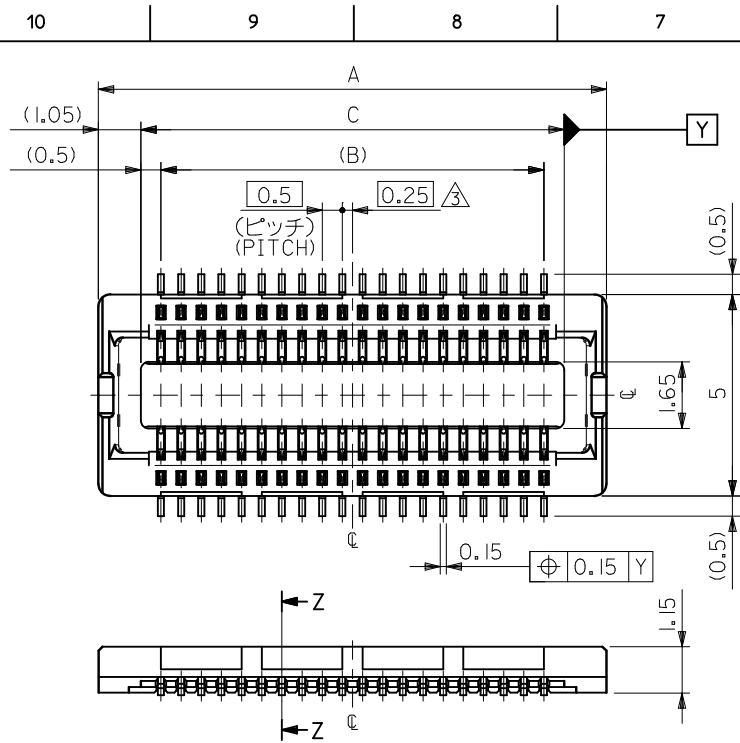
注記 NOTES:

1. 使用材料 MATERIAL
ハウジング: 液晶ポリマー 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)
2. メッキ仕様 PLATING
金メッキ 0.25マイクロメートル以上 (コンタクト部)
GOLD 0.25 MICROMETER MINIMUM (CONTACT AREA)
金メッキ 0.4マイクロメートル以下 (テール部)
GOLD 0.4 MICROMETER 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 1.5 MICROMETER 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.

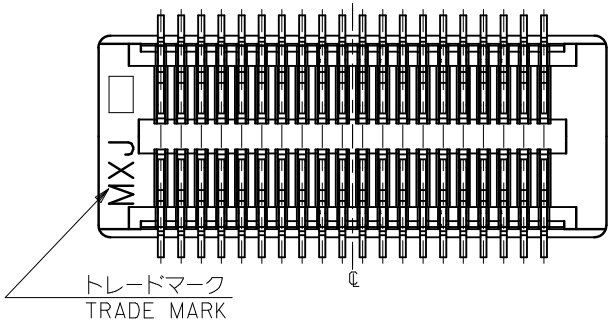
- 3 (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2) = EVEN.
4. 嵌合相手: 55560シリーズ, 53794シリーズ
MATE WITH: 55560 SERIES, 53794 SERIES.
5. テール平坦度は、0.1以下
TAIL COPLANARITY TO BE 0.1 MAXIMUM.

8.0	7.0	10.1	54722-0304	54722-0303	30
6.5	5.5	8.6	54722-0244	54722-0243	24
6.0	5.0	8.1	54722-0224	54722-0223	22
5.5	4.5	7.6	54722-0204	54722-0203	20
4.5	3.5	6.6	54722-0164	54722-0163	16
C	B	A	EMBSTP PKG. ORDER No. オーダー番号	MATERIAL No.	極数 CIRCUIT
MODEL No.				54722-***3	

REVISED	EC NO. J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO	2010/02/01 2010/02/02 2010/02/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] (HGT=1.5) -LEAD FREE-			
				10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE				
				30 OVER	± 0.3	APPROVED BY	DATE				
				ANGULAR ±3 °		T. YAMAGUCHI	'03/08/20				MOLEX MOLEX INCORPORATED
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
						SEE CHART		SD-54722-011			1 OF 2
B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



34極以上品形状
SHAPE OF 34CIRCUITS OR MORE



- 注記 NOTES:
- 使用材料 MATERIAL
ハウジング: 液晶ポリマー 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)
 - メッキ仕様 PLATING
金メッキ 0.25マイクロメートル以上 (コンタクト部)
GOLD 0.25 MICROMETER MINIMUM (CONTACT AREA)
金メッキ 0.4マイクロメートル以下 (テール部)
GOLD 0.4 MICROMETER 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 1.5 MICROMETER 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.

- △ (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2) = EVEN.
- 嵌合相手: 55560シリーズ, 53794シリーズ
MATE WITH: 55560 SERIES, 53794 SERIES.
 - テール平坦度は、0.1以下
TAIL COPLANARITY TO BE 0.1 MAXIMUM.

20.5	19.5	22.6	54722-0804	54722-0803	80
15.5	14.5	17.6	54722-0604	54722-0603	60
13.0	12.0	15.1	54722-0504	54722-0503	50
10.5	9.5	12.6	54722-0404	54722-0403	40
9.0	8.0	11.1	54722-0344	54722-0343	34
C	B	A	EMBSTD PKG. ORDER No. オーダー番号	MATERIAL No.	極数 CIRCUIT

REVISED EC NO: J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO 2010/02/01 2010/02/02 2010/02/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 54722-***3		
				THIRD ANGLE PROJECTION						
		10 UNDER	±0.2	DRAWN BY T. ITO	DATE '03/08/20	TITLE 0.5 B-T-O-B CONN REC ASSY [NI BARRIER] (HGT=1.5) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY T. YAMAGUCHI	DATE '03/08/20					
		30 OVER	±0.3	APPROVED BY T. YAMAGUCHI	DATE '03/08/20					
	REV	B	ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54722-011		2 OF 2	
SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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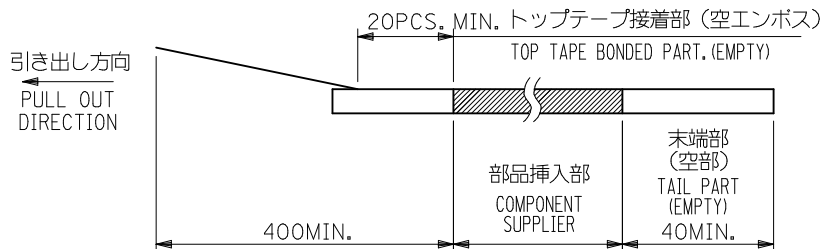
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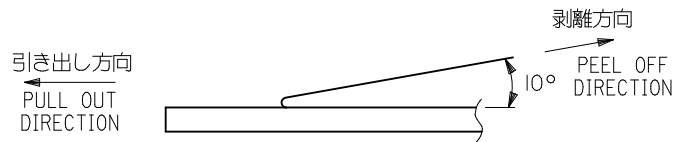
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注記 NOTES

- 製品詳細寸法については図面 SD-54722-011 を参照下さい。
RE DETAILED DIMENSION, SEE SD-54722-011
- 梱包数量：3000個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

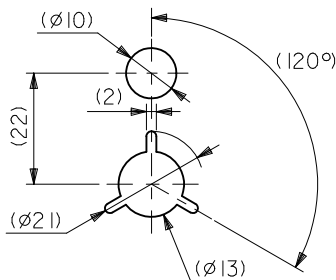
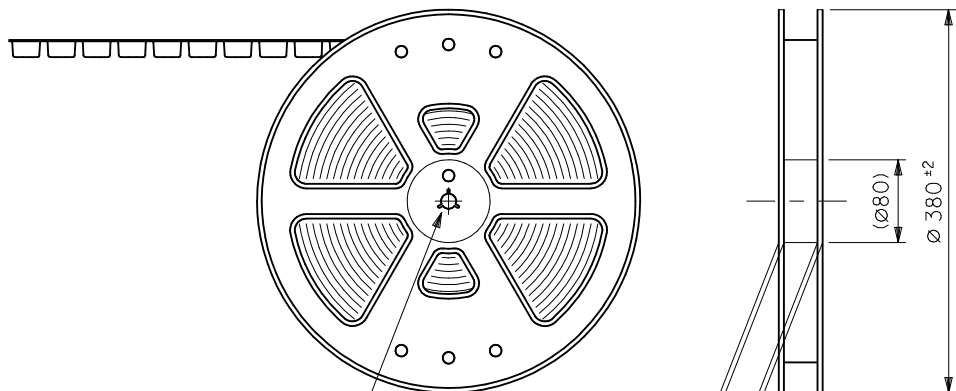


- トップテープの剥離強度：0.1 ~ 1.3N (10 ~ 130gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1 ~ 1.3N (10 ~ 130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



- 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 (P S) <リサイクル材を含む>
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>

引き出し方向
PULL OUT
DIRECTION



DETAIL "F"

REVISED EC NO: J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY T. ITO	DATE '03/08/20	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED			
		10 OVER 30 UNDER	±0.25	CHECKED BY T. YAMAGUCHI	DATE '03/08/20				
		30 OVER	±0.3	APPROVED BY T. YAMAGUCHI	DATE '03/08/20				
		ANGULAR ±3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-54722-012			SHEET NO. 1 OF 5
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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10 9 8 7 6 5 4 3 2 1

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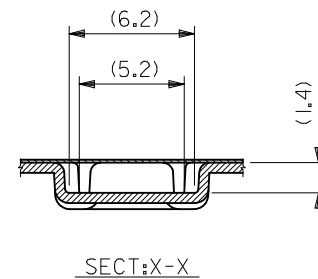
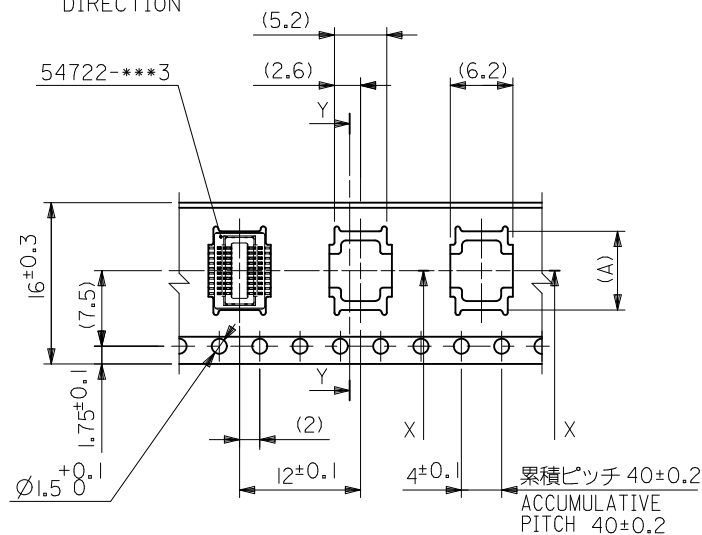
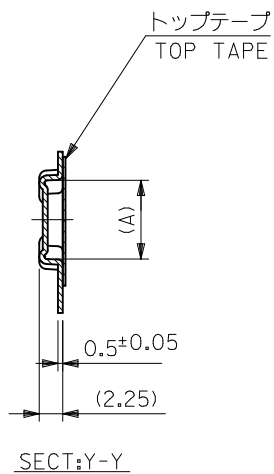
D

C

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A

引き出し方向
PULL OUT
DIRECTION



16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

16	21.4	17.4	6.8	54722-0204	20
				54722-0164	16
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO.: J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO 2010/02/01 2010/02/02 2010/02/02	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	T. ITO	'03/08/20	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] EMBSTP PKG -LEAD FREE- MOLEX MOLEX INCORPORATED			
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. YAMAGUCHI	DATE '03/08/20				
		30 OVER	± 0.3	APPROVED BY T. YAMAGUCHI	DATE '03/08/20				
		ANGULAR ±3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54722-012		2 OF 5	
		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

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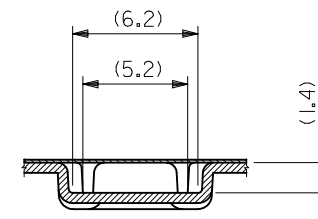
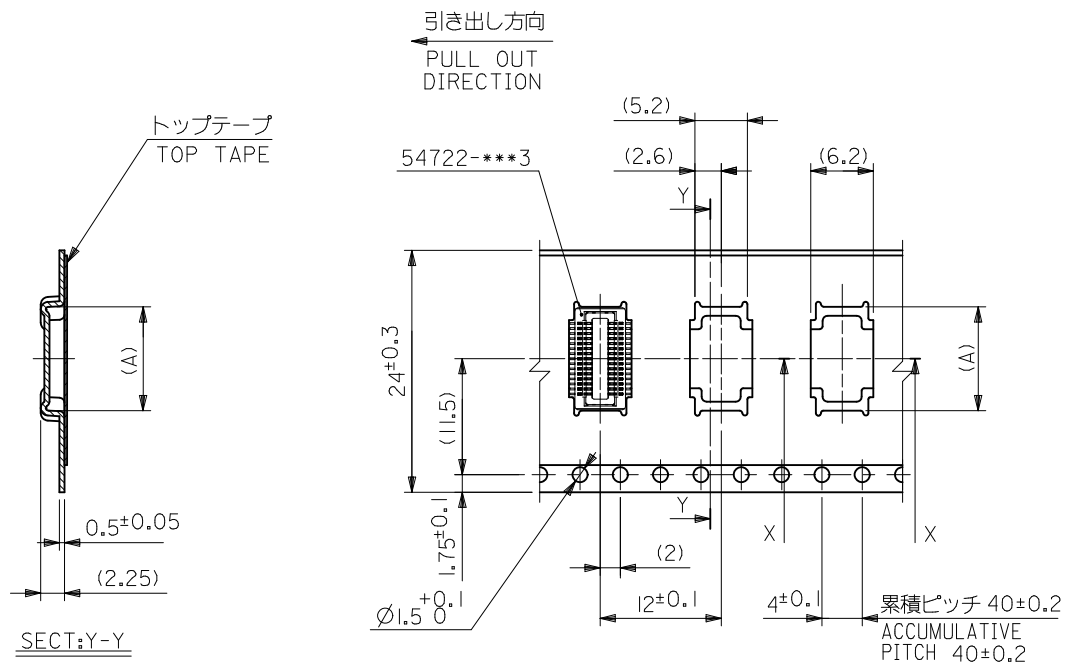
E

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SECT:X-X

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	15.3	54722-0504	50
			12.8	54722-0404	40
			11.3	54722-0344	34
			10.3	54722-0304	30
			8.8	54722-0244	24
			8.3	54722-0224	22
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO 2010/02/01 2010/02/02 2010/02/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY T. ITO	DATE '03/08/20	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED			
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. YAMAGUCHI	DATE '03/08/20				
		30 OVER	± 0.3	APPROVED BY T. YAMAGUCHI	DATE '03/08/20				
		ANGULAR ±3 °		MATERIAL NO. SEE CHART					DOCUMENT NO. SD-54722-012
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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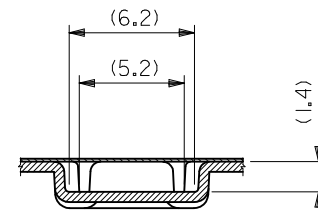
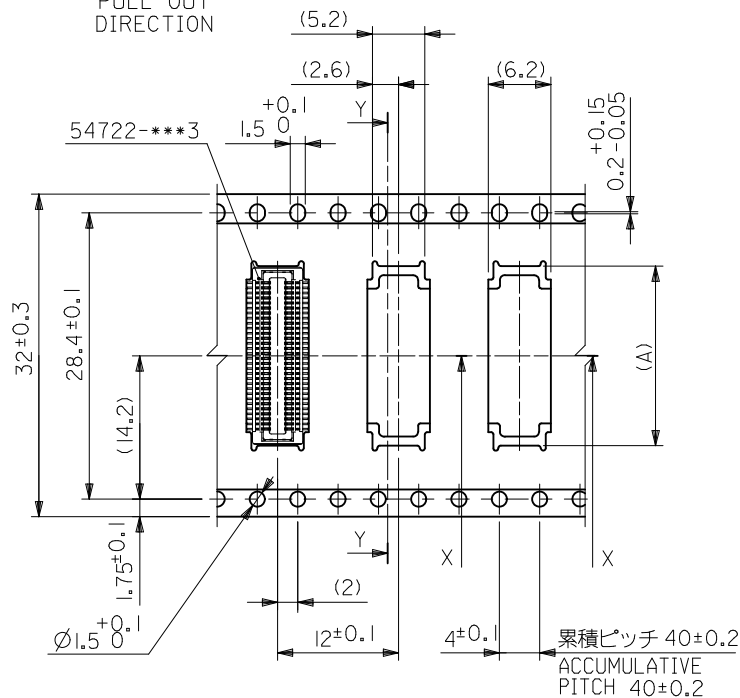
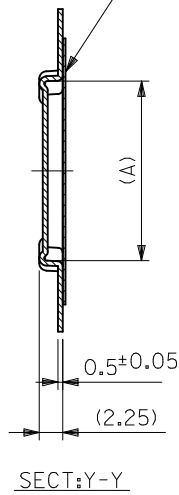
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引き出し方向
PULL OUT
DIRECTION

トップテープ
TOP TAPE



SECT: X-X

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	17.8	54722-0604	60
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T. ITO	DATE '03/08/20	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. YAMAGUCHI	DATE '03/08/20					
		30 OVER	± 0.3	APPROVED BY T. YAMAGUCHI	DATE '03/08/20				 MOLEX INCORPORATED	
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54722-012				
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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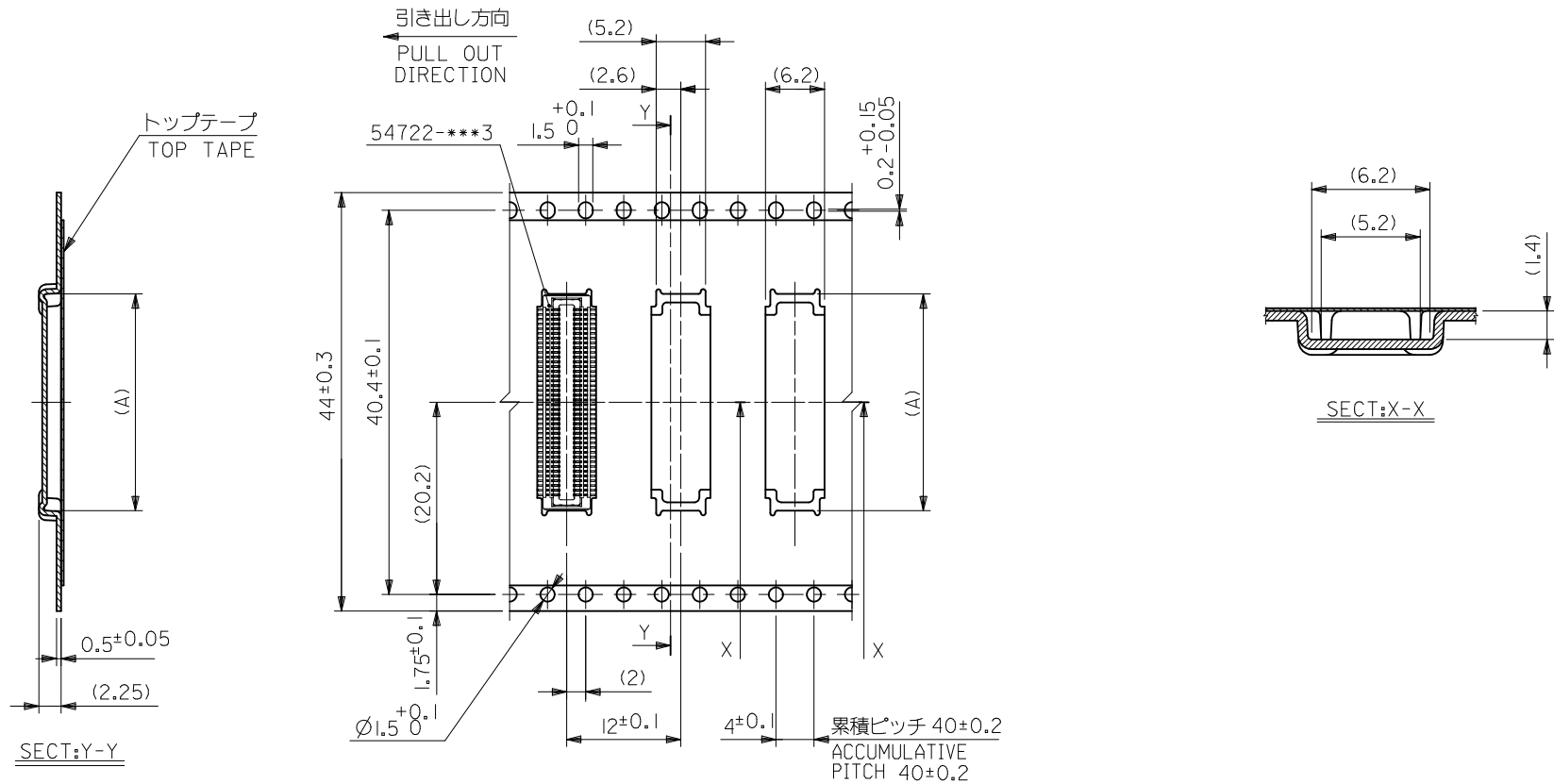
E

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44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	22.8	54722-0804	80
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED	EC NO: J2010-1489 DRWN: TOSHIMA CHKD: SMARUYAMA APPR: MSASAO	2010/02/01 2010/02/02 2010/02/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				10 UNDER	± 0.2	DRAWN BY T. IYO	DATE '03/08/20	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] EMBSTP PKG -LEAD FREE-			
				10 OVER 30 UNDER	± 0.25	CHECKED BY T. YAMAGUCHI	DATE '03/08/20				
				30 OVER	± 0.3	APPROVED BY T. YAMAGUCHI	DATE '03/08/20				
				ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54722-012			5 OF 5
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<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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