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Part Number: [0547220244](#)
Status: **Active**
Description: 0.50mm (.020") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm (.059") Stacking Height, Lower Circuit Size Version, 24 Circuits, Gold Plating with Nickel Barrier Plating Between Contact and Tail

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

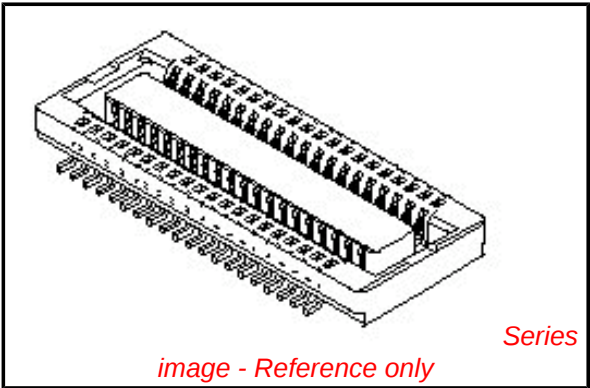
General	
Product Family	PCB Receptacles
Series	54722
Application	Board-to-Board
Comments	Embossed Tape Reel Height: 380mm (14.961") Gold plating with Nickel plating between contact and tail
Product Name	SlimStack™
Physical	
Circuits (Loaded)	24
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	None
Mated Height (in)	0.059 In
Mated Height (mm)	1.50 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Product Specification	PS-54722-010, RPS-54722-024, RPS-54722-027, RPS-54722-031
Sales Drawing	SD-54722-011, SD-54722-012



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

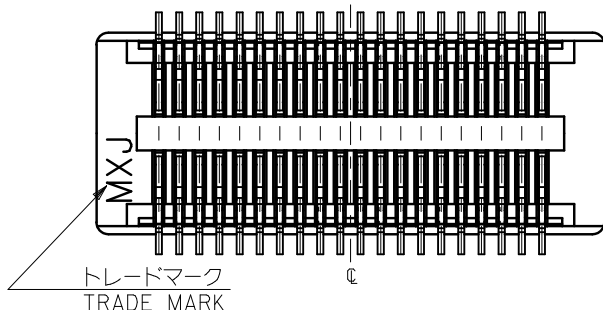
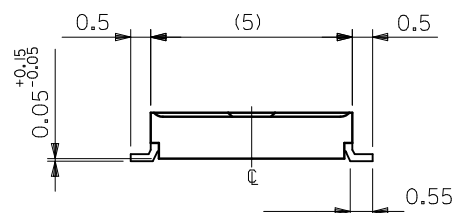
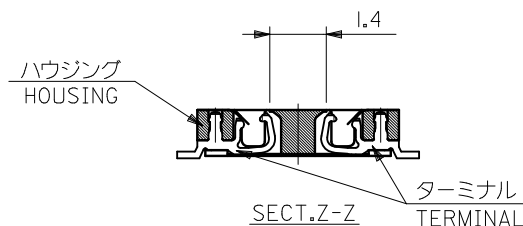
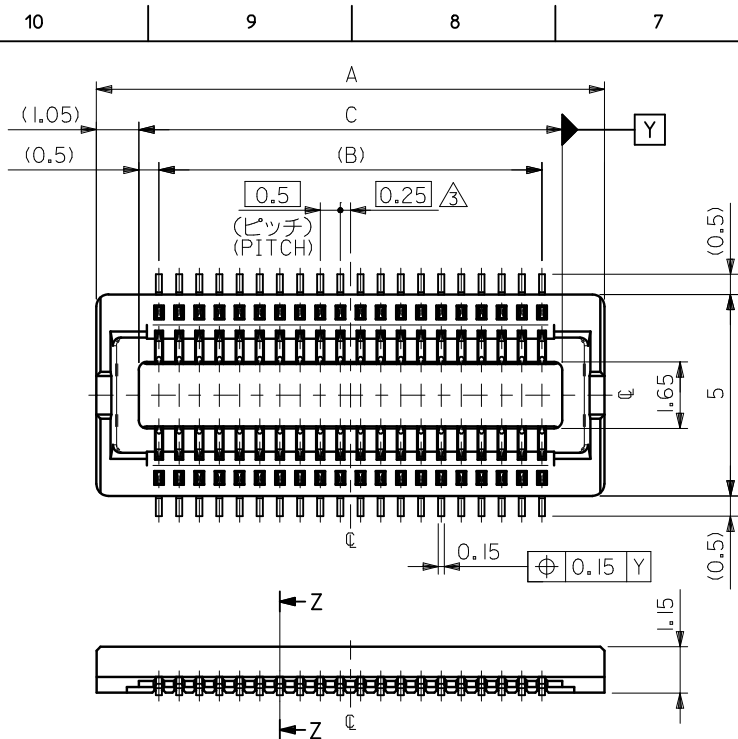
China RoHS



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.

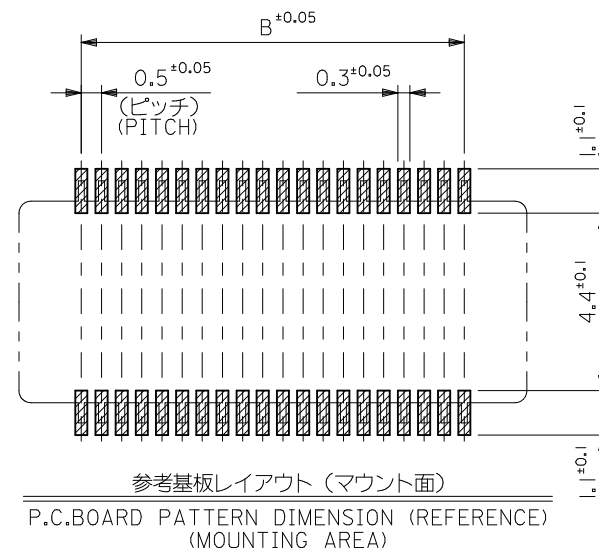
Search Parts in this Series
[54722Series](#)

Mates With
[55560 PCB Header](#)



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.

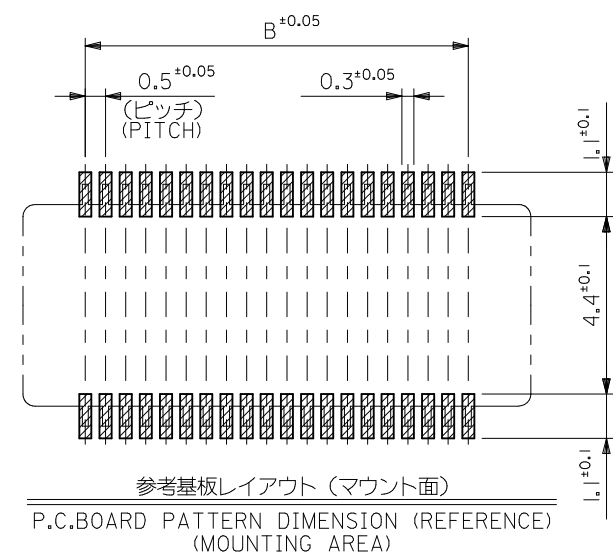
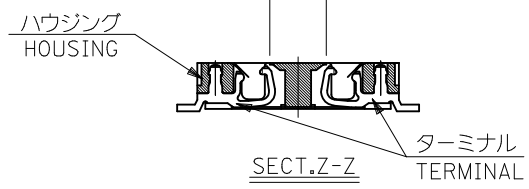
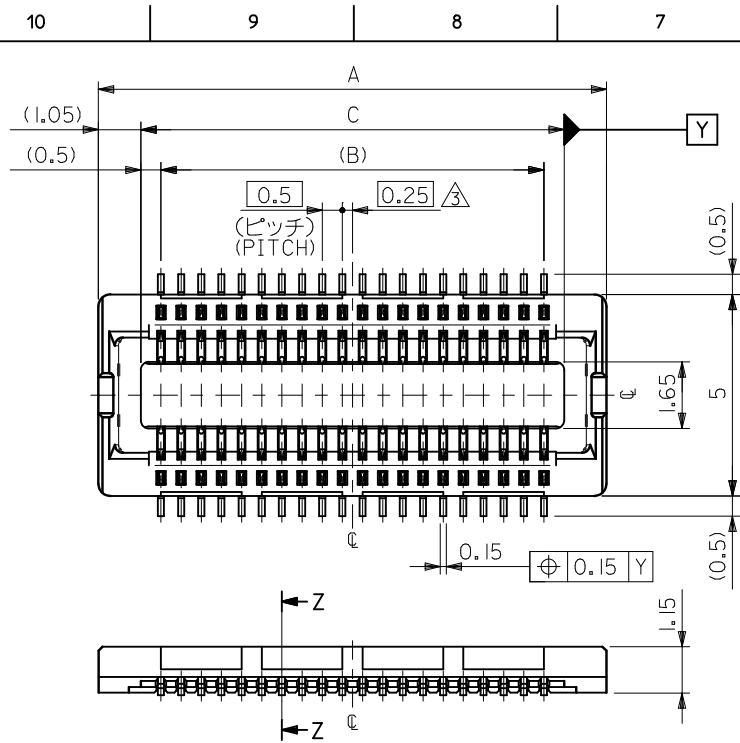


30極以下品形状
SHAPE OF 30 CIRCUITS OR LESS

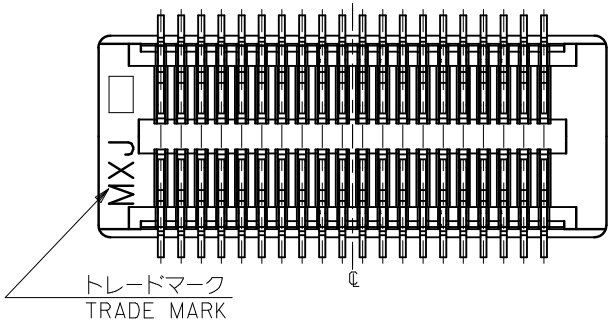
- 3 (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2) = EVEN.
4. 嵌合相手: 55560シリーズ, 53794シリーズ
MATE WITH: 55560 SERIES, 53794 SERIES.
5. テール平坦度は、0.1以下
TAIL COPLANARITY TO BE 0.1 MAXIMUM.

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	2010/02/01	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	DRWN: TOSHIMA	2010/02/02		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 0.5 B-TO-B CONN REC ASSY [NI BARRIER] (HGT=1.5) -LEAD FREE-		
	CHKD: SMARUYAMA	2010/02/02		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE			
	APPR: MSASAO	2010/02/02		30 OVER	± 0.3	APPROVED BY	DATE			
	ANGULAR ±3 °			T. YAMAGUCHI	'03/08/20	MOLEX MOLEX INCORPORATED				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			T. YAMAGUCHI	'03/08/20					
				MATERIAL NO.				DOCUMENT NO.	SHEET NO.	
B	REV			SEE CHART		SD-54722-011		1 OF 2		
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 REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 54722-***3		THIRD ANGLE PROJECTION	
				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 UNDER ±0.2		CHECKED BY T. YAMAGUCHI		DATE '03/08/20					
		10 OVER 30 UNDER ±0.25		APPROVED BY T. YAMAGUCHI		DATE '03/08/20	MOLEX INCORPORATED				
		30 OVER ±0.3		MATERIAL NO.		DOCUMENT NO.					
	ANGULAR ±3 °		SEE CHART		SD-54722-011					2 OF 2	
B	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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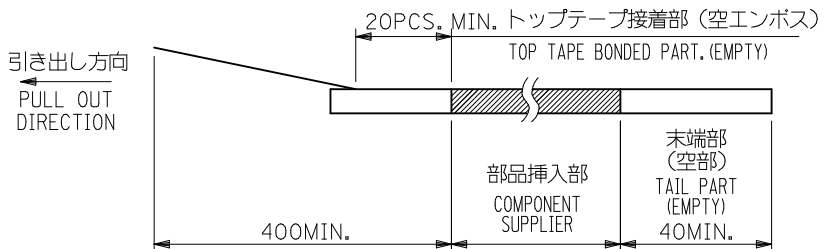
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注記 NOTES

- 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)

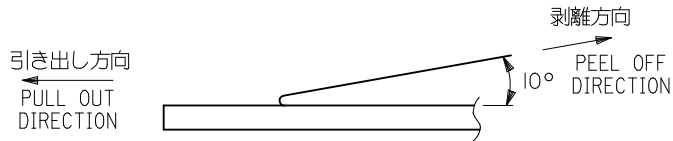
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)

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)

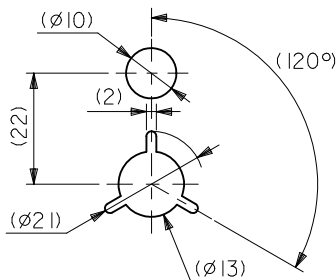
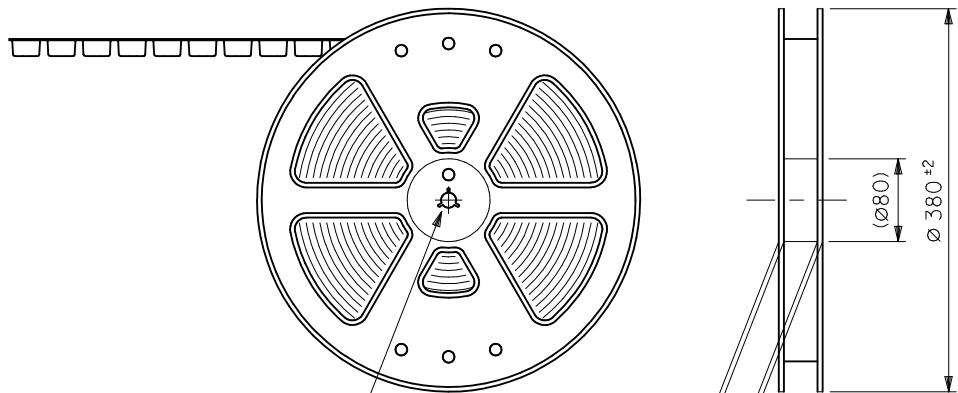
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)

トップテープ (TOPTAPE) : PET , PE , PEF

リール (REEL) : ポリスチレン (PS) <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-			
		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 MOLEX INCORPORATED
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54722-012			1 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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EN-02JA(021)

10 9 8 7 6 5 4 3 2 1

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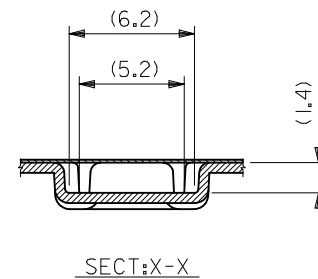
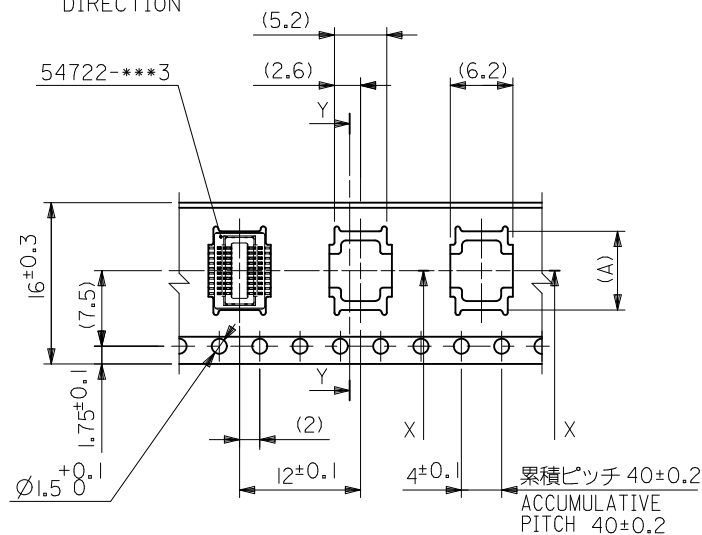
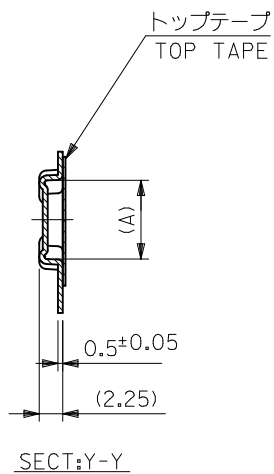
D

C

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A

引き出し方向
PULL OUT
DIRECTION



1 6mm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	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 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		DOCUMENT NO. SD-54722-012		SHEET NO. 2 OF 5	
		REV	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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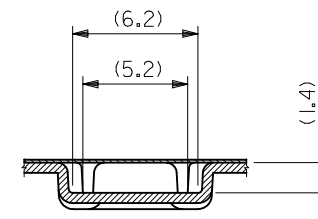
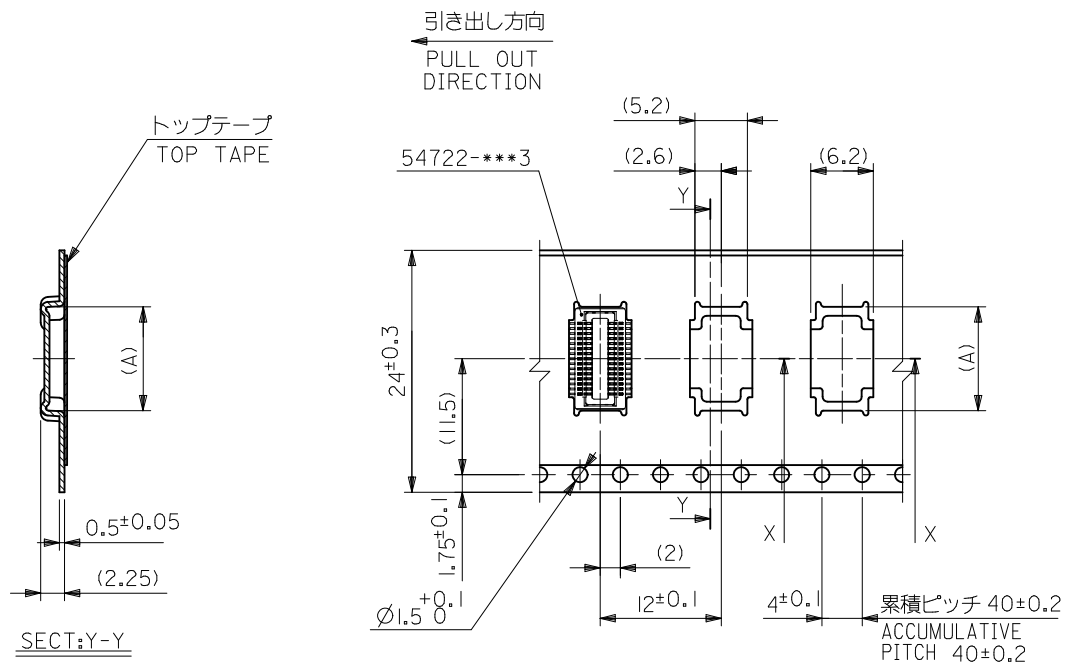
E

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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: SMARYAMA 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 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
		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					
	REV								

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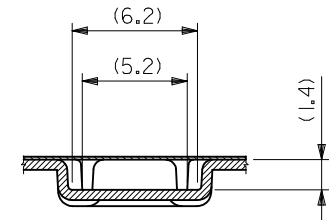
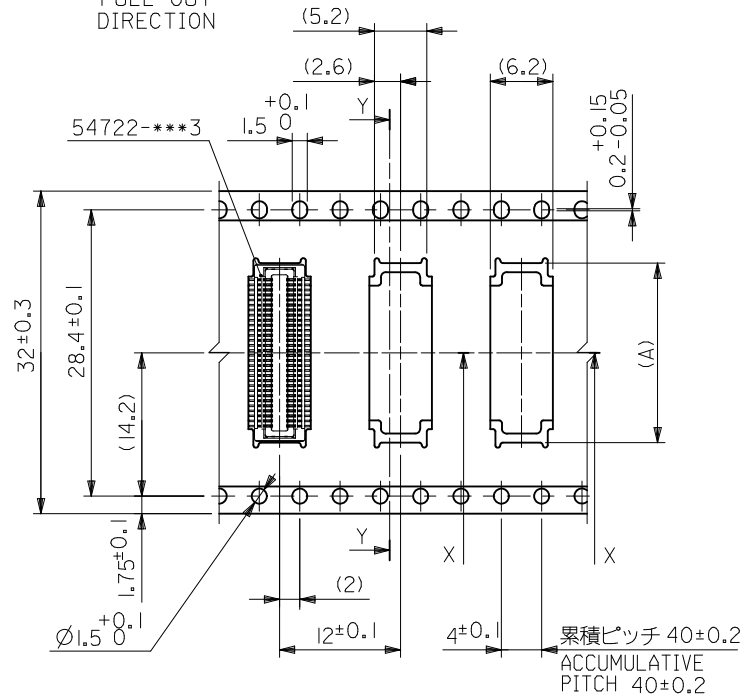
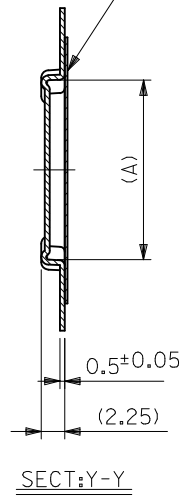
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引き出し方向
PULL OUT
DIRECTION

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	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-			
				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.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54722-012			4 OF 5
C	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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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

EN-02JA(021)



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

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Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331