

注記 NOTES

1. 使用材料 MATERIAL
- ハウジング : LCP, UL94V-0  
HOUSING
- アクチュエータ : PPS, UL94V-0  
ACTUATOR
- ターミナル : リン青銅 (t=0.2)、ニッケル下地 鍍ビスマスマッキ  
TERMINAL PHOSPHOR BRONZE, TIN-BISMUTH OVER NICKEL PLATING.
- 金具 : リン青銅 (t=0.2)、ニッケル下地 鍍メッキ  
FITTING NAIL PHOSPHOR BRONZE, PURE-TIN OVER NICKEL PLATING.
2. エンボステーブ梱包時は、アクチュエータがロックした状態とする。  
IN THE PACKAGE, ACTUATOR OF PART NO.54548-\*\*-19 SHOULD BE LOCKED.
- △ ソルダータール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 Z に対し上方向 0 MAX.、下方向 0.15 MAX. とし  
相互のバラツキ量は 0.1 MAX. とする。  
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM Z  
UPPER DIRECTION: 0 MAX., LOWER DIRECTION: 0.15 MAX.  
OFFSET BETWEEN UPPER AND LOWER 0.1 MAX.
- △ 偶数極に適用。  
APPLY FOR EVEN CIRCUIT.
- △ パターンはくり止め用金具  
FITTING NAIL FOR PREVENTION OF PEELING  
OF P.C.B. PATTERN.
- △ R0.3はFPC導体部にかからないこと  
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
7. N: 極数 N: CIRCUIT.

FPC/FFC について:

打ち抜き方向は導体側から補強板側を推奨します。  
導体部については軟銅箔35μmまたは50μmを推奨します。

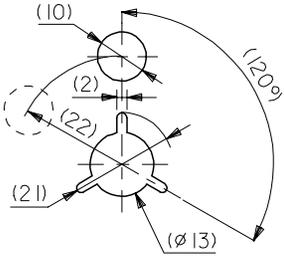
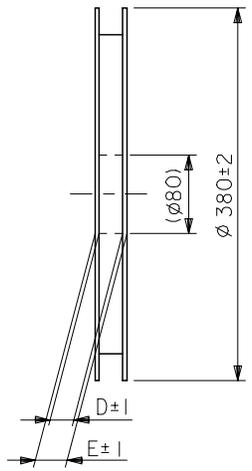
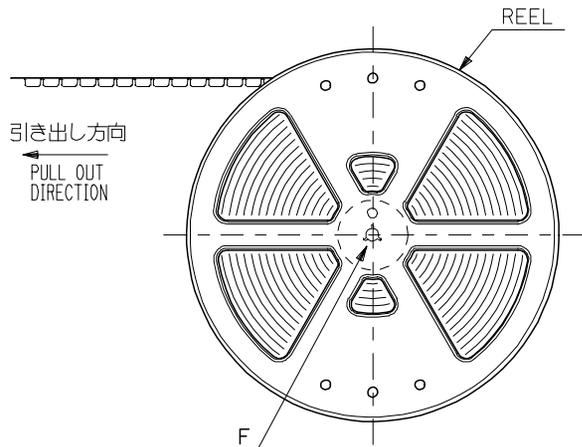
ABOUT FPC/FFC  
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.  
RECOMMENDED CONDUCTOR SPEC :  
THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER.

FPC について:

補強フィルム材質はポリイミドを推奨します。ベースフィルムは25μmを推奨します。  
接着剤は熱硬化接着剤を推奨します。  
尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します。

ABOUT FPC  
RECOMMENDED MATERIAL/THICKNESS.  
STIFFENER FILM : POLYIMIDE  
BASE FILM THICKNESS : 25μm  
BONDING AGENT : THERMOSETTING BONDING AGENT  
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY.

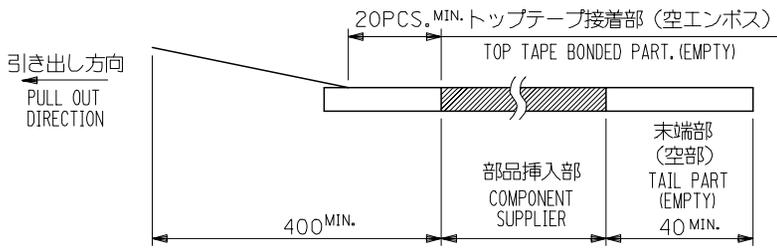
REVISED EC NO: J2008-4048 DRWN: NABEI 2008/06/13 CHKD: THARUYAMA 2008/06/16 APPR: NUKITA 2008/06/16	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE ---	54548-**-19	MODEL No.
	10 UNDER	±0.2	DRAWN BY Y. WADA	DATE 2004/01/09	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE 2004/01/09	0.5 FPC CONN ZIF HSG ASSY FOR SMT RA BTM CONT -LEAD FREE-	
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/01/09	MOLEX INCORPORATED	
	ANGULAR ±3°		MATERIAL NO.	DOCUMENT NO.	SHEET NO. 2 OF 2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 1		SD-54548-037		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



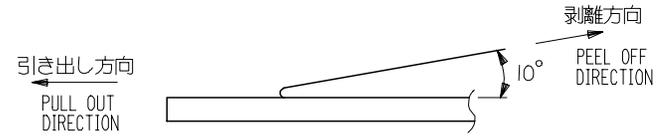
DETAIL F

NOTES

- 製品詳細寸法については図面 SD-54548-037 を参照下さい。  
RE DETAILED DIMENSION, SEE SD-54548-037.
- 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：0.1N ~ 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.



- 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>
- 本製品は54548-\*\*-\*\*90の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 54548-\*\*-\*\*90.

REVISED EC NO: J2005-2516 DRAWN: NABEI 2005/02/28 CHYKD: TOYODA 2005/02/28 APPR: NUKITA 2005/03/07 REV:	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		54548-**-70	MODEL NO.	
	10 UNDER	±0.2	DRAWN BY Y. WADA	DATE 2004/01/09	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION EMBSTP PKG FOR 0.5 FPC CONN ZIF HSG ASSY -LEAD FREE-
	10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE 2004/01/09			
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/01/09			MOLEX INCORPORATED DOCUMENT NO. SD-54548-038 SHEET NO. 1 OF 4
	ANGULAR	±3 °	MATERIAL NO. SEE CHART				
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			

10 9 8 7 6 5 4 3 2 1

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E

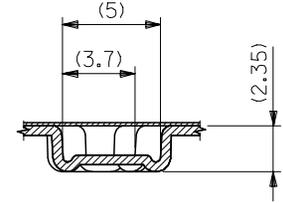
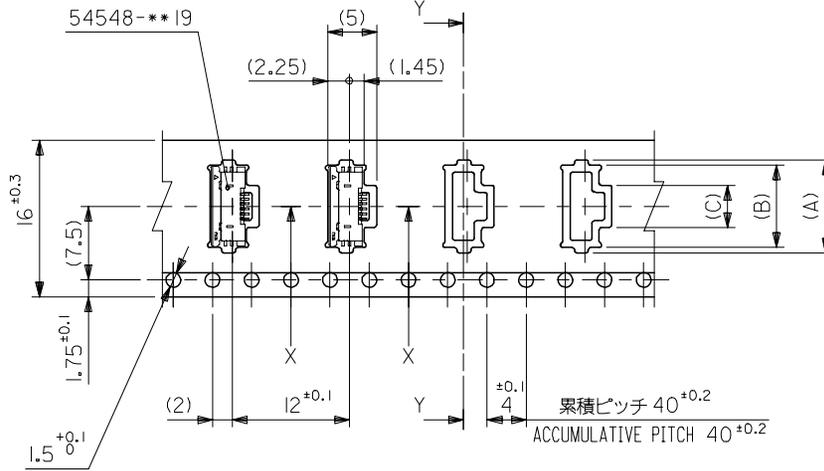
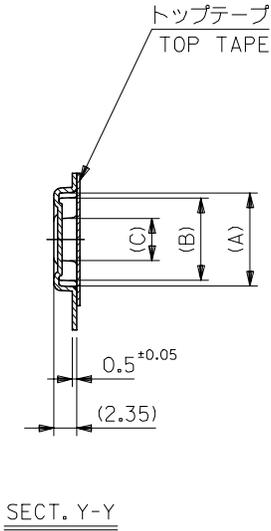
D

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B

A

引き出し方向  
PULL OUT DIRECTION



SECT. X-X

16mm幅キャリアテープ  
16mm WIDTH CARRIER TAPE

16	21.4	17.4	4.3	8.4	9.5	54548-0670	6
			3.8	7.9	9	54548-0570	5
			3.3	7.4	8.5	54548-0470	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 CIRCUIT

54548-\*\*\*70 MODEL NO.

REVISED EC No: J2005-2516 DRAWN: NABEI 2005/02/28 CHKD: KTOYODA 2005/02/28 APPR: NUKITA 2005/03/07 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY Y. WADA		DATE 2004/01/09		
	10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO		DATE 2004/01/09		
	30 OVER	±0.3	APPROVED BY M. SASAO		DATE 2004/01/09		
	ANGULAR	±3 °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-54548-038		
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			SHEET NO. 2 OF 4

EMBSTP PKG FOR 0.5 FPC  
CONN ZIF HSG ASSY  
-LEAD FREE-

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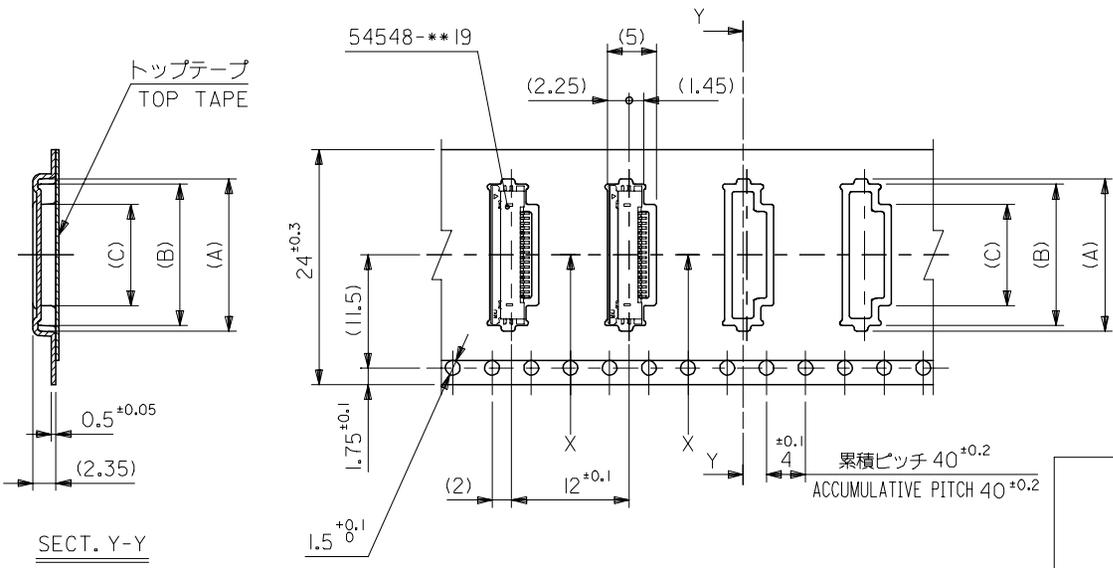
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引き出し方向  
PULL OUT DIRECTION



24mm幅キャリアテープ  
24mm WIDTH CARRIER TAPE

24	29.4	25.4	12.3	16.4	17.5	54548-2270	22
			11.8	15.9	17	54548-2170	21
			11.3	15.4	16.5	54548-2070	20
			10.8	14.9	16	54548-1970	19
			10.3	14.4	15.5	54548-1870	18
			9.8	13.9	15	54548-1770	17
			9.3	13.4	14.5	54548-1670	16
			8.8	12.9	14	54548-1570	15
			8.3	12.4	13.5	54548-1470	14
			7.8	11.9	13	54548-1370	13
			7.3	11.4	12.5	54548-1270	12
			6.8	10.9	12	54548-1170	11
			6.3	10.4	11.5	54548-1070	10
			5.8	9.9	11	54548-0970	9
5.3	9.4	10.5	54548-0870	8			
4.8	8.9	10	54548-0770	7			
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	製品番号 MATERIAL No.	極数 CIRCUIT

REVISED EC No: J2005-2516 2005/02/28 DRWN: NABEI 2005/02/28 CHKD: KTOYODA 2005/03/07 APPR: NUKITA	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY Y. WADA		DATE 2004/01/09		
	10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO		DATE 2004/01/09		
	30 OVER	±0.3	APPROVED BY M. SASAO		DATE 2004/01/09		
	ANGULAR	±3 °	MATERIAL NO.		DOCUMENT NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-54548-038		SHEET NO. 3 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

54548-\*\*-70 MODEL NO.

EMBSTP PKG FOR 0.5 FPC  
CONN ZIF HSG ASSY  
-LEAD FREE-

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10 9 8 7 6 5 4 3 2 1

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PULL OUT DIRECTION

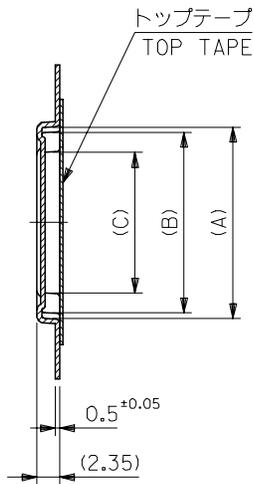
E

D

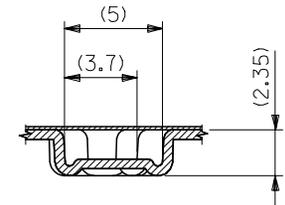
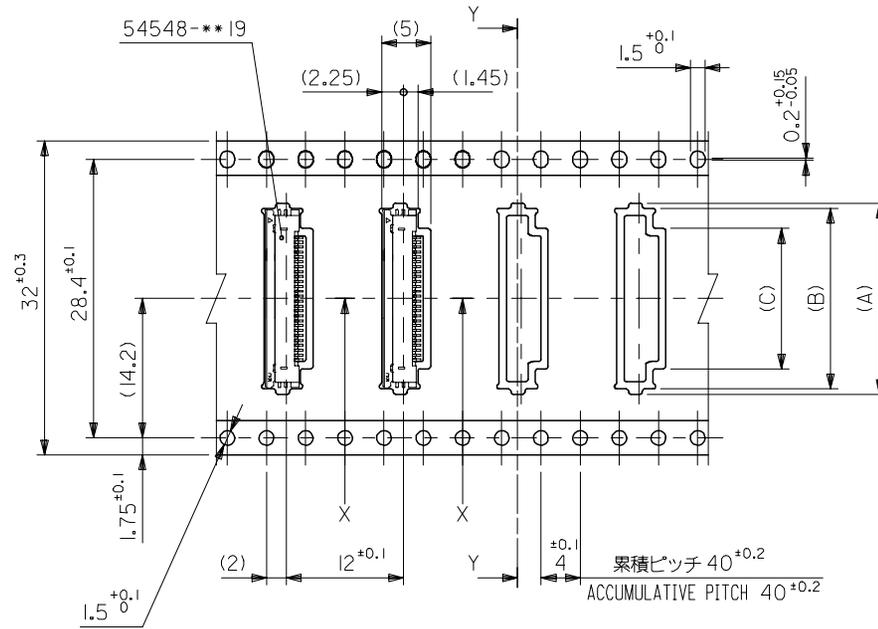
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SECT. Y-Y



SECT. X-X

32mm幅キャリアテープ  
32mm WIDTH CARRIER TAPE

32	37.4	33.4	14.3	18.4	19.5	54548-2670	26
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	54548-2470	24
						製品番号 MATERIAL No.	極数 CIRCUIT

REVISED EC NO: J2005-2516 DRAWN: NABEI CHKD: KTOYODA APPR: NUKITA	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY Y. WADA	DATE 2004/01/09	TITLE EMBSTP PKG FOR 0.5 FPC CONN ZIF HSG ASSY -LEAD FREE-		
	10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE 2004/01/09			
	30 OVER	±0.3	APPROVED BY M. SASAO	DATE 2004/01/09	MOLEX INCORPORATED DOCUMENT NO. SD-54548-038		
ANGULAR	±3 °	MATERIAL NO. SEE CHART		SHEET NO. 4 OF 4			
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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## 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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